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CONTENTS—PART II

Errata	v	Transliteration of Russian	LJ23
Abstractors	vi	Author Index	A1
List of Journals	LJ1	Conference Index	C1
Journals abstracted completely	LJ21	Subject Index	S1

Subject Index Headings follow last page of Subject Index

GENERAL	1475	1721	1935	2219	2523	2777
Education	1475	——	1935	2219	2523	2777
Units. Measurement. Metrology	1475	1721	1935	2219	2524	2777
MATHEMATICAL PHYSICS	1477	1721	1936	2220	2525	2777
Mathematical methods. Computation	1478	——	1938	2222	2526	2780
Mechanics	1478	1722	1938	2222	2527	2780
Elasticity. Plasticity	1479	1723	1938	2223	2527	2781
Gravitation. Relativity	1480	1723	1939	2223	2527	2781
Statistical physics	1482	1725	1939	2225	2529	2784
Thermodynamics	1484	1728	1940	2227	——	2786
Transport processes	1484	1728	1943	2228	2531	2786
VIBRATIONS. WAVES. ACOUSTICS	1485	1729	1944	2229	2532	2788
Vibrations. Elastic waves	1485	1729	1944	2229	2532	2788
Shock waves	1486	1729	1944	2229	2532	2789
Acoustics	1487	1730	1945	2230	2533	2791
Hearing. Speech	1489	1732	1946	2232	2535	2793
HEAT	1491	1734	1949	2234	2536	2794
Low-temperature physics	1494	1734	1949	2235	2537	2797
Liquid and solid helium	1494	1735	1951	2236	2538	2797
ELECTRICITY AND MAGNETISM	1495	1736	1951	2237	2539	2798
Electrical measurements and circuits	1495	1736	1952	2237	2539	2798
Electrostatics. Dielectrics	1496	——	1952	2243	2540	2798
Current electricity	1496	1737	——	2243	2540	2799
Direct conversion	1497	1737	1953	2244	2540	2799
Magnetism	1497	1738	1954	2252	2541	2800
ELECTROMAGNETISM	1498	1739	1954	2253	2544	2801
Electrodynamics. Particle optics	1498	1739	1955	2253	2544	2802
Electron beams. Electron optics and tubes	1498	1740	1956	2255	2545	2803
Ion beams. Ion optics and sources	1499	1742	1958	2258	2546	2805
Magnetohydrodynamics. Magnetogasdynamics	1500	1743	1959	2259	2547	2805
ELECTROMAGNETIC WAVES AND OSCILLATIONS	1501	1744	1960	2260	2548	2806
Generation and propagation	1501	1744	1960	2260	2548	2806
Radiofrequency spectroscopy. Magnetic resonances	1504	1746	1963	2263	2550	2809
Masers	1505	1746	1965	2264	2550	2809
Lasers	1506	1747	1965	2264	2550	2810
OPTICS	1510	1750	1969	2268	2553	2813
Photometry. Colorimetry	1511	1750	1970	2269	2554	2813
Geometrical optics	1511	1751	1970	2269	2554	2813
Instrumental optics	1512	1751	1970	2270	2556	2814
Spectroscopy	1513	1752	1972	2271	2558	2815
Physical optics	1514	1753	1973	2273	2560	2818
Photography	1515	1754	1975	2274	2562	2821
Vision	1516	1754	1976	2274	2562	2821
X-RAYS. TUBES AND TECHNIQUES	1517	1755	1977	2275	2563	2822
QUANTUM THEORY	1518	1756	1977	2276	2564	2823
Quantum field theory	1519	1757	1979	2277	2565	2826
NUCLEAR PHYSICS	1525	1764	1991	2292	2572	2840
Apparatus. Particle detectors	1525	1765	1991	2292	2572	2840
Counting circuits	1526	1765	1992	2294	2573	2841
Track visualization	1526	1765	1993	2295	2573	2842
Particle accelerators	1529	1766	1994	2297	2573	2843
Elementary particles	1531	1767	1995	2298	2573	2843
Photons. Gamma-rays. X-rays	1531	1767	1996	2298	2574	2844
Neutrinos	——	1768	1997	2299	2575	2846
Electrons	1532	1768	1998	2300	2575	2846
Nucleons	1533	1769	1999	2301	2575	2848
Protons	1533	1770	2000	2303	2576	2849
Neutrons	1534	1770	2002	2306	2577	2851
Mesons	1535	1772	2003	2310	2578	2854
Hyperons	1539	1776	2008	2316	2582	2862
Deuterons	1539	1777	2009	2317	2583	2863
Tritons	1539	1777	2009	2318	2583	2863
Alpha-particles, He nuclei	1539	1778	2009	2319	2583	2864
Cosmic rays	1540	1778	2010	2320	2584	2864

Continued on next page

CONTENTS

NUCLEAR PHYSICS (contd)

Nucleus	1541	1778	2011	2322	2585	2867
Energy levels. Excited nuclei	1543	1781	2013	2326	2586	2868
Nuclear decay. Radioactivity	1547	1788	2018	2341	2591	2873
Nuclear reactions	1549	1790	2021	2345	2593	2876
Due to neutrinos	——	——	2022	2349	——	——
Due to photons	1549	1791	2022	2349	2594	2877
Due to electrons	——	1792	2022	2352	2594	2878
Due to nucleons	——	1793	2023	2353	2595	2878
Due to protons	1550	1793	2023	2353	2595	2878
Due to neutrons	1551	1794	2024	2357	2597	2879
Due to mesons and hyperons	1552	1795	2026	2361	2599	2882
Due to deuterons and tritons	1552	1795	2028	2363	2599	2883
Due to alpha-particles, He nuclei	1553	1796	2029	2366	2601	2885
Due to other particles and nuclei	1554	1797	2029	2368	2602	2886
Nuclear fission	1554	1797	2032	2369	2602	2887
Thermonuclear reactions. Nuclear fusion	——	——	2032	——	2603	2889
Nuclear power studies	1555	1797	2032	2371	2603	2889
ATOMIC AND MOLECULAR PHYSICS	1556	1798	2033	2372	2609	2892
Mass spectrometers	1556	1798	2034	2372	2609	2892
Atoms	1557	1799	2034	2373	2609	2893
Isotopes	1562	1804	2040	2378	2614	2898
Mesic atoms	1562	1804	——	2378	2614	2899
Molecules	1563	1804	2040	2378	2614	2899
Structure. Internal mechanics. Spectra	1563	1804	2040	2378	2614	2899
Magnetic resonances	1571	1812	2052	2381	2623	2909
Dissociation. Free radicals	1572	1812	2053	2382	2623	2911
Intermolecular mechanics	1573	1813	2054	2382	2623	2912
Macromolecules. Polymers	1573	1814	2056	2383	2624	2913
Mesic molecules	——	1814	2057	——	——	2915
Electric discharges	1574	1814	2057	2384	2624	2915
Ionization	1578	1817	2061	2387	2628	2918
Plasma	1579	1818	2063	2388	2629	2921
Plasma confinement	1583	1820	2069	2393	2634	2926
Plasma oscillations and stability	1584	1821	2070	2393	2635	2927
Plasma devices	1587	——	2074	2395	2638	2930
FLUIDS	1588	1822	2074	2395	2639	2931
Mechanics of gases	1589	1823	2076	2395	2641	2932
Gaseous state	1590	1823	2077	2396	2642	2933
Viscosity. Diffusion	1591	1824	2078	2397	2643	2936
Vacuum physics	1592	1825	2079	2398	2643	2937
Mechanics of liquids	1597	1825	2080	2398	2644	2939
Liquid state	1597	1827	2082	2399	2646	2940
Theory and structure of liquids. Solutions	1597	1827	2082	2399	2646	2940
Viscosity. Surface tension. Diffusion	1599	1828	2084	2399	2647	2943
Thermal properties of liquids	1599	1828	2085	2400	2648	2944
Acoustic properties of liquids	1599	1828	2085	2400	2648	2945
Optical properties of liquids	1600	1828	2086	2400	2648	2945
Electrical and magnetic properties of liquids	1601	1829	2088	2401	2650	2947
Dispersions. Colloids	1602	——	2090	2402	2651	2949
CHANGE OF STATE	1603	1830	2090	2402	2652	2950
SOLID-STATE PHYSICS	1605	1831	2092	2403	2653	2956
Structure of solids. Alloys	1608	1833	2095	2406	2656	2959
Solid-state phase transformations	1609	1834	2096	2409	2658	2963
Surfaces	1611	1836	2100	2410	2660	2963
Films	1611	1837	2100	2410	2660	2963
Adsorption	1612	1837	2101	2410	2661	2965
Non-crystalline state	1614	1838	2102	2411	2662	2967
Crystallography	1614	1838	2102	2411	2663	2967
Microstructure of solids	1617	1841	2107	2414	2667	2971
Crystal lattice structures	1619	1842	2109	2414	2669	2973
Lattice mechanics	1624	1847	2115	2417	2673	2980
Acoustical properties of solids	1624	1849	2116	2419	2675	2981
Thermal properties of solids	1626	1850	2118	2420	2671	2982
Diffusion in solids	1628	1852	2121	2422	2681	2984
Defect properties of solids	1630	1853	2123	2422	2682	2987
Colour centres	1634	1856	2128	2424	2688	2993
Radiation effects in solids	1635	1857	2129	2425	2689	2994
Mechanical properties of solids	1636	1858	2130	2426	2691	2995
Electron states in solids	1642	1864	2140	2429	2699	3005
Electrical properties of solids	1648	1867	2144	2433	2704	3009
Metals. Conductors	1648	1867	2144	2433	2705	3010
Superconductivity	1649	1868	2145	2434	2707	3012
Superconducting materials and devices	1651	1870	2147	2436	2708	3012
Semiconductors	1653	1871	2148	2437	2710	3013
Semiconducting materials	1654	1873	2149	2438	2712	3014
Semiconducting devices	1658	1875	2152	2441	2715	3019
Dielectrics	1662	1880	2153	2442	2717	3021
Thermoelectric properties of solids	1665	1883	2155	2446	2721	3025
Photoconductivity. Photovoltaic effects	1666	1884	2156	2447	2721	3025
Electron and ion emission by solids	1668	1886	2157	2448	2724	3026

Continued on next page

SOLID-STATE PHYSICS (contd)						
Magnetic properties of solids	1671	1888	2159	2453	2727	3027
Paramagnetic properties	1671	1890	2160	2455	2727	3028
Ferromagnetic properties	1672	1890	2161	2456	2728	3029
Ferrimagnetic properties. Ferrites	1676	1895	2164	2466	2733	3032
Antiferromagnetic properties	1676	1895	2165	2467	2735	3033
Magnetic resonances in solids	1677	1896	2166	2471	2736	3034
Optical properties of solids	1683	1902	2171	2477	2742	3038
Luminescence of solids	1688	1907	2177	2481	2750	3046
PHYSICAL CHEMISTRY	1692	1910	2185	2484	2755	3050
Thermochemistry. Reactions	1692	1910	2185	2484	2755	3050
Electrochemistry	1693	1911	2188	2484	2758	3051
Photochemistry. Radiation chemistry. Radiochemistry	1693	1912	2188	2485	2759	3052
Physical methods of chemical analysis	1694	1913	2190	2485	2759	3053
GEOPHYSICS	1695	1913	2192	2486	2760	3054
Atmosphere	1696	1914	2193	2487	2761	3056
Upper atmosphere	1700	1919	2197	2491	2764	3059
Ionosphere	1703	1922	2201	2496	2765	3061
Geomagnetism	1706	1926	2206	2501	2767	3062
Space research techniques	1708	1927	2209	2504	2767	3068
ASTROPHYSICS	1709	1928	2210	2505	2768	3069
Stars. Galaxies	1710	1929	2211	2506	2770	3070
Solar system. Sun	1714	1930	2213	2512	2771	3074
Radioastronomy techniques	1720	1933	2217	—	2775	3080
BIOPHYSICS	1720	1933	2218	—	2776	3080
TECHNIQUE. MATERIALS	1720	1934	2218	—	2776	3080
High-pressure techniques	1720	1934	2218	—	—	3081

ERRATA—PART II

bstr. 15121 (1960) for "Ya. S. Uflyanol" read "Ya. S. Uflyand"

uthor Index (1962), p. 2500: "Johnson, L. F. Optical maser characteristics of Nd^{3+} in CaF_2," abstract number: for "2=8608" read "2=8508"

bstr. 7824 (1964) lines 4 and 5: replace with "The α-source was RaDEF and it was electroplated on the mirror surface of the dewpoint"
line 8: for "increase of ionization current" read "decrease of ionization current"

bstr. 14131 (1964) line 4: for "(Feb. 1963)" read "(Feb. 1964)"

ubject Index (1964) p. S 284b: all entries under "Ion sources" from "alkali metal nitrates----4=27166" should come under "Ion velocity". After "Ion Velocity" omit "no entries this year"
p. S 370b: last two entries under "Meteorology" should come under "Metallurgy"
p S 424a: all entries under "Nuclear Magnetic Resonance and Relaxation" from "apparatus----" should come under subheading, "Measurement". After "Measurement" omit "no entries this year"

ubject Index (1964) p. S 648a, 9th entry: "Sn, films----4=19835" should read: "Sn films----4=29835"

bstr. 2287-2291 (1965): for "Appl. Phys. Rev. Letters (USA)," read "Appl. Phys. Letters (USA),"

bstr. 2978 (1965) line 4: page numbers should read: "535-40"

bstr. 10507 (1965) line 5: for "405-10" read "404-10"

bstr. 11591 (1965) line 9: for "mutate" read "nutate"

bstr. 12389 (1965) line 2: for "M. Phillips" read "C. E. Hayes and W. W. Webb"

bstr. 14873 (1965) for "D. Mittelbach" read "P. Mittelbach"

bstr. 15268 (1965) line 4: for "P. S. Zyranov" read "P. S. Zyryanov"

Abstr. 16022 (1965) line 3: for "H. G. Miller" read "H. C. Miller"

Abstr. 16994 and 17977 (1965) line 3: for "(USA)" read "(GB)"

Abstr. 17367 (1965) line 2: before "Delaey" insert "L"

Abstr. 18788 (1965) line 1: for "GLOW LAMPS" read "INCANDESCENT LAMPS"

Abstr. 19124 (1965) line 2: for "D. A. Varshalouch" read "D. A. Varshalovich"

Abstr. 20556 (1965) line 3: for "Yu. N. Dragomanskii" read "Yu. N. Dragoshanskii"

Abstr. 20591 (1965) line 2: for "M. M. Fartztdinov" read "M. M. Farztdinov"

Abstr. 20772 (1965) line 3: for "G. C. Meisels" read "G. G. Meisels"

Abstr. 21815 (1965) line 3: for "V. A. Svirndov" read "V. A. Sviridov"
line 4: for "M N. Khacheturman" read "M. N. Khachaturyan"

Abstr. 22524 (1965) line 2: for "S. H. El-Sabeth" read "S. H. El-Sabeh"

Abstr. 25203 (1965) line 3: for "F. Bucella" read "F. Buccella"

Abstr. 25243 (1965) after line 5 insert journal reference: "Zh. Eksper. Teor. Fiz. (USSR), Vol. 48, No. 6, 1776-86 (June 1965). In Russian. English translation in: Soviet Phys. JETP (USA), Vol. 21, No. 6 (Dec. 1965)."

Abstr. 26432 (1965) line 2: for "L. I. Gudezenko" read "L. I. Gudzenko"

Author Index (March 1965) for "Miller, C. H." read "Miller, H. C."

Author Index (April 1965): +Essen L. for "5=7668" read "5=7768"

Author Index (May 1965): delete "Phillips, M. 5=12389----" and insert "Hayes, C. E. 5=12389, ----" and "Webb, W. W. 5=12389, ----"

Author Index (July 1965) for "Miller, H. G. 5=16022, ----" read "Miller, H. C. 5=16022, ----"

Subject Index Pt I (1965) p.S 106b: 10th entry after "interactions weak" for "Cakilbo's theory----" read "Cabibbo's theory----"
p. S 115b: line 22: insert abstract number "5=11274-5"
p. S 199a: line 20 from bottom: after "N^{16}" insert "versus C^{15} activity 5=834"

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S.Weintroub, M.A., F.Inst.P.
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A.Wexler, B.Sc., Mem.I.E.E.E.
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W.E.Williams, M.Sc., Ph.D.
W.T.Williams, B.Sc., Ph.D., Grad. Inst.P
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J.Wilson, B.Sc., Ph.D.
E.P.Wohlfarth, B.Sc., D.Sc., Ph.D., F.Inst.P.
B.Wojtas.
C.W.Wong
P.Wood, A.M.I.E.E.
F.W.D.Woodhams, B.Sc.
S.Woodhouse, A.M.I.E.E., A.M.I.Mech.E.
G.Wyllie, B.Sc., Ph.D., F.Inst.P.
S.A.R.Wynchank, B.A., D.Phil.
J.S.Young, B.Sc.(Eng.), A.M.I.E.E.
K.J.Young, B.A., A.M.I.E.E.
J.S.Zarach.
J.M.Zarzycki, M.Sc., A.Inst.P.
H.K.Zienkiewicz, D.C.Ae., Ph.D.
A.A. Zimmerman, B.Sc., A.R.I.C.
P.I.Zorkoczy, M.Sc., A.R.C.S.T.

LIST OF JOURNALS

The periodicals and serials listed below are all scanned for material of value for abstracting in either Section of Science Abstracts. The list includes those periodicals from which all articles in each issue are invariably abstracted, but they are also listed separately at the end (**"Journals abstracted completely"**).

Some of the abstracts are reproduced, with permission, from other abstracting periodicals (as indicated at the foot of the abstracts), and in these cases the name of the abstracting organization may be given in place of the address of the original journal, where it has not been possible to determine the latter. Further enquiry should be made from the abstracting organization named; addresses are given at the end of the list (**"Abstracting journals"**).

Abstracts are published only of articles which are believed to be in general circulation, and which should therefore be available in national and scientific libraries, or from the publishers, whose addresses are given in this list. Application should not be made to "Science Abstracts" for copies of the full text of any of the articles abstracted, or for translations. No abstracts are published of documents whose circulation is restricted in any way, nor of oral communications of which no printed record exists.

For the benefit of those who are unfamiliar with the form and purpose of such abstracting periodicals as "Science Abstracts", it may be said that each abstract is a summary of an article (or book) published elsewhere, the title of the article (or its English translation) being given at the beginning of the abstract. The "reference", printed immediately after the title and author, gives the name and date of the journal where the article was printed and the appropriate pages. In general, title, author and reference are usually required for the unambiguous identification of an article (e.g. in a bibliography), though the reference alone is sufficient for the location of the article. For books, the town of publication, the name of the publisher, and the year are given in the reference.

The form of the "reference", giving volume number, issue number, pages and date, will, it is hoped, be self-explanatory. It should be emphasized that the date given refers, in nearly every case, to the "issue" or "number" containing the article abstracted; in some cases, particularly when papers are issued separately, the "volume" when bound may bear a different date. The date given is that recorded on the issue, not the actual date of publication or receipt, unless so stated. When the volume carries no number, the year is given in its place.

If no indication of language is given in the abstract, the article may be assumed to be in English. This does not necessarily hold, however, for abstracts reproduced from other abstracting periodicals giving no indication of language.

ACEC Rev. (Belgium)
ACEC Revue — Ateliers de Constructions Electriques de Charleroi, Avenue Emile Rousseau, Marcinelle-Charleroi. [French-language edition].

AEG Mitt. (Germany)
AEG Mitteilungen — Allgemeine Elektricitäts-Gesellschaft, Hohenzollerndamm 150, Berlin-Grunewald. [A translation of selected articles is published as: AEG Progress].

AEG Progress (Germany)
AEG Progress — Allgemeine Elektricitäts-Gesellschaft, Hohenzollerndamm 150, Berlin-Grunewald. [English translation of selected articles from: AEG Mitteilungen].

AEI Engng (GB)
AEI Engineering — Associated Electrical Industries, 33 Grosvenor Place, London, SW1.

AIAA J. (USA)
AIAA Journal — American Institute of Aeronautics and Astronautics, 1290 Avenue of the Americas, New York, NY 10019.

ATE J. (GB)
ATE Journal — Automatic Telephone and Electric Co., Strowger Works, Liverpool 7.

AWA Tech. Rev. (Australia)
AWA Technical Review — Amalgamated Wireless Australasia, 554 Parramatta Road, Ashfield, New South Wales.

Abhandl. Braunschw. Wiss. Gesell. (Germany)
Abhandlungen der Braunschweigischen Wissenschaftlichen Gesellschaft — Publisher: Friedr. Vieweg, Braunschweig.

Abhandl. Deutschen Akad. Wiss. Berlin, Kl. Math. Phys. Tech. (Germany)
Abhandlungen der Deutschen Akademie der Wissenschaften, Klasse für Mathematik, Physik und Technik — Publisher: Akademie-Verlag, Leipziger Strasse 3-4, Berlin W8.

Acta Cryst. (Internat.)
Acta Crystallographica — International Union of Crystallography. Publisher: Ejnar Munksgaard, København, Prags Boulevard 47, Denmark. Subscriptions: Polycrystal Book Service, GPO Box 620, Brooklyn 1, NY, USA.

Acta Electronica (France)
Acta Electronica — 3 Avenue Descartes, BP 15, Limeil-Brevannes, Seine-et-Oise.

Acta Geophys. Sinica (China)
Acta Geophysica Sinica — Obtainable from: Institute of Scientific and Technical Information of China, 117 Chang Yang Men Street, Peking.

Acta Metallurgica (USA)
Acta Metallurgica — Box 1088, Schenectady, NY. Publisher: Pergamon Press (Acta Metallurgica), 122 East 55th Street, New York 22, NY.

Acta Phys. Austriaca
Acta Physica Austriaca — Springer-Verlag, Mölkerbastei 5, Wien I.

Acta Phys. Chem. Szeged (Hungary)
Acta Physica et Chemica (Acta Universitatis Szegediensis) — Szegedi Tudományegyetem Természettudományi Kara, Aradi Vértanuk Tere 1, Szeged.

Acta Phys. Hungar.
Acta Physica Academiae Scientiarum Hungaricae — Postafiok 24, Budapest 502. Subscription address: "Kultura" Foreign Trade Company for Books and Newspapers, Fö utca 32, Budapest I.

Acta Phys. Polon. (Poland)
Acta Physica Polonica — Polska Akademia Nauk. Subscription address: CKPW "Ruch", ul. Srebrna 12, Warszawa. Editorial address: ul Reymonta 4, Kraków.

Acta Phys. Sinica (China)
Acta Physica Sinica — Chinese Physical Society, 3 Wen Ching Chieh, Peking. Editorial address: Post Box 603, Peking.

Acta Polytech. Scandinavica
Acta Polytechnica Scandinavica. Subseries: Chemistry including Metallurgy Series, Ch; Civil Engineering and Building Construction Series, Ci; Electrical Engineering Series, El; Mathematics and Computing Machinery Series, Ma; Mechanical Engineering Series, Me; Physics including Nucleonic Series, Ph — Scandinavian Council for Applied Research. Publication address: PO Box 5073, Stockholm 5, Sweden.

Acta Tech. CSAV (Czechoslovakia)
Acta Technica CSAV — Ceskoslovenska Akademie Věd. Subscription address: Artia, POB/790, Praha I.

Acta Tech. Hungar.
Acta Technica Academiae Scientiarum Hungaricae — Magyar Tudományos Akadémia, Alkotmány utca 21, Budapest 5. Subscription address: "Kultura" Foreign Trade Company for Books, Fö utca 32, Budapest 1.

Acta Univ. Lundensis (Sweden)
Acta Universitatis Lundensis. Sectio II. Medica, Mathematica, Scientiae Rerum Naturalium. — Royal Physiographic Society, Lund.

Acustica (Internat.)
Acustica — S. Hirzel Verlag, Stuttgart, Germany.

Advanced Energy Conversion (GB)
Advanced Energy Conversion — Pergamon Press, Headington Hill Hall, Oxford.

Advances Atomic Molecular Phys. (USA)
Advances in Atomic and Molecular Physics — Academic Press, 111 Fifth Avenue, New York, NY 10003.

Advances in Phys. (GB)
Advances in Physics. (Quarterly Supplement of the
Philosophical Magazine) — Taylor and Francis,
Red Lion Court, Fleet Street, London, EC4.
Advances Theor. Phys. (USA)
Advances in Theoretical Physics — Academic Press, 111 Fifth
Avenue, New York, NY 10003.
Aeronaut. Res. Coun. Curr. Pap. (GB)
Aeronautical Research Council Current Papers
—HM Stationery Office, Kingsway, London, WC2.
Aeronaut. Res. Coun. Rep. Mem. (GB)
Aeronautical Research Council Reports and Memoranda
— HM Stationery Office, Kingsway, London, WC2.
Akust. Beih.
Akustische Beihefte — Issued under the auspices of the
international journal Acustica. The pagination is
continuous with that of Acustica.
Akust. Zh. (USSR)
Akusticheskii Zhurnal — Akademiya Nauk SSSR,
Leninskii prosp. 14, Moskva. [A translation is published as:
Soviet Physics — Acoustics].
Allis Chalmers Elect. Rev. (USA)
Allis Chalmers Electrical Review — Title changed to: Allis-
Chalmers Engineering Review [Allis-Chalmers Engng Rev.]
Allis-Chalmers Engng Rev. (USA)
Allis-Chalmers Engineering Review — Milwaukee,
Wisconsin 53201.
(Formerly: Allis-Chalmers Electrical Review).
Alta Frequenza (Italy)
Alta Frequenza — Associazione Elettrotecnica Italiana,
Via San Paolo 10, Milano. [An English translation is
published four times a year. The pagination is continuous
with the Italian edition, but it has also a separate
pagination of its own].
Amer. Ceram. Soc. Bull.
American Ceramic Society Bulletin — 4055 North
High Street, Columbus 14, Ohio.
Amer. J. Med. Electronics
American Journal of Medical Electronics — 645 Stewart Avenue,
Garden City, NY 11533.
Amer. J. Phys.
American Journal of Physics — American Institute of
Physics, 335 East 45th Street, New York, NY 10017.
An. Acad. Brasil. Cienc.
Anais da Academia Brasileira de Ciências
—Caixa Postal 229, Rio de Janeiro.
An. Mecan. Elect. (Spain)
Anales de Mecanica y Electricidad — Reina 31, Madrid.
An. Real Soc. Espan. Fis. Quim. (Spain)
Anales de la Real Sociedad Española de Física y Química.
Serie A (Física) — Ciudad Universitaria, Madrid.
An. Stiint. Univ. "Al. I. Cuza" Iasi (Ser. noua) I (Rumania)
Analele Stiintifice ale Universitătii "Al. I. Cuza" din Iasi
(Serie Nouá). Sectiunea I Fizică, — Calea 23 August, Iasi.
Analyt. Chem. (USA)
Analytical Chemistry — American Chemical Society,
1155 Sixteenth Street NW, Washington 6, DC.
Ann. Acad. Sci. Fennicae (Finland)
Annales Academiae Scientiarum Fennicae. Series AI
(Mathematica); Series AII (Chemica); Series AIII
(Geologica-Geographica); Series A VI (Physica)
— Snellmaninkatu 9-11, Helsinki.
Ann. Assoc. Internat. Calcul Analogique (Belgium)
Annales de l'Association Internationale pour le Calcul
Analogique — Publisher: Presses Académiques Européennes,
98 Chaussée de Charleroi, Bruxelles 6.
Ann. Astrophys. (France)
Annales d'Astrophysique — Service des Publications du
CNRS, 15 Quai Anatole-France, Paris 7.
Ann. Fac. Sci. Univ. Toulouse (France)
Annales de la Faculté des Sciences de l'Université de
Toulouse — Published by: Gauthier-Villars,
55 Quai des Grands Augustins, Paris 6.
Ann. Geofis. (Italy)
Annali di Geofisica — Istituto Nazionale di Geofisica,
Città Universitaria, Roma.
Ann. Geophys. (France)
Annales de Géophysique — Service des Publications du
CNRS, 15 Quai Anatole-France, Paris 7.
Ann. Inst. Poincare (France)
Annales de l'Institut Henri Poincaré. Section A. Physique
Théorique. Section B. Calcul des Probabilités et Statistique —
11 Rue Pierre-Curie, Paris 5.

Ann. Phys. (Germany)
Annalen der Physik — J. A. Barth, Salomonstrasse 18B,
Leipzig, 701.
Ann. Phys. (France)
Annales de Physique — Masson, 120 Boulevard
Saint-Germain, Paris 6.
Ann. Phys. (USA)
Annals of Physics — Academic Press, 111 Fifth Avenue,
New York 3, NY.
Ann. Radioelect. (France)
Annales de Radioelectricité — Compagnie Générale de
TSF, Centre de Documentation de la CSF,
101 Boulevard Murat, Paris 16.
Ann. Sci. Ecole Normale Super. (France)
Annales Scientifiques de l'École Normale Supérieure
— Publisher: Gauthier-Villars, 55 Quai des
Grands-Augustins, Paris 6.
Ann. Soc. Sci. Bruxelles (Belgium)
Annales de la Société Scientifique de Bruxelles, Serie I,
Sciences Mathematiques Astronomiques et Physiques
— Institut de Physique, Parc d'Arenberg, Heverlé-Louvain
Ann. Telecomm. (France)
Annales des Telecommunications — Centre National
d'Etudes des Télécommunications. Subscription address:
Société de la Revue d'Optique, 3-5 Boulevard Pasteur,
Paris 15.
Ann. Tokyo Astron. Obs. (Japan)
Annals of the Tokyo Astronomical Observatory
— University of Tokyo, Mitaka, Tokyo.
Ann. Univ. Turku (Finland)
Annales Universitatis Turkuensis. Ser. AI (Astronomica-
Chemica-Physica-Mathematica) — Turun Yliopiston
Turku.
Annu. Fac. Sci. Univ. Skopje (Yugoslavia)
Annuaire. Faculté des Sciences de l'Université de Skopje.
Seriya A, Mathematique, Physique et Chimie (Godishen-
Sbornik) — Boite Postale 146, Skopje.
Annu. Proc. Assoc. Socs S. Africa
Annual Proceedings of the Associated Scientific and
Technical Societies of South Africa — Kelvin House,
Marshall and Hollard Streets, PO Box 5907, Johannesburg.
Annu. Rep. Sci. Works Fac. Sci. Osaka Univ. (Japan)
Annual report of Scientific Works from the Faculty of
Science, Osaka University — Nakanoshima, Osaka.
Annu. Rev. Astron. Astrophys. (USA)
Annual Review of Astronomy and Astrophysics —
231 Grant Avenue, Palo Alto, California.
Annu. Univ. Sofia Fac. Phys. (Bulgaria)
Annuaire de l'Université de Sofia, Faculté de Physique — Bibl
theque de l'Université, 15 Boulevard Rouski, Sofia.
Appl. Materials Res. (GB)
Applied Materials Research — Heywood, Scientific
Publications Department, Carlton House, Great Queen
Street, London, WC2.
[A translation of: Prikladnaya Matematika i Mekhanika].
Appl. Math. Mech. (USA)
Applied Mathematics and Mechanics — Published for the
American Society of Mechanical Engineers by the Pergamo
Institute. Distributors: Pergamon Press, 44-01 21st Street,
Long Island City, NY; and Headington Hill Hall, Oxford.
Appl. Optics (USA)
Applied Optics — Optical Society of America (in cooperatio
with the American Institute of Physics), 1155 Sixteenth
Street, NW, Washington 6, DC.
Appl. Phys. Letters (USA)
Applied Physics Letters — American Institute of Physics,
335 East 45th Street, New York 17, NY.
Appl. Phys. Quart. (India)
Applied Physics Quarterly — Subscription address:
Technical Journals of India Private Ltd., 24, Brabourne Ro
Calcutta-1.
Appl. Sci. Res. (Netherlands)
Applied Scientific Research. Section A (Mechanics, Heat,
Chemical Engineering, Mathematical Methods); Section B
(Electrophysics, Acoustics, Optics, Mathematical Methods)
—Martinus Nijhoff, Den Haag.
Appl. Spectrosc. (USA)
Applied Spectroscopy — Society for Applied Spectroscopy.
Subscription address: Boston College, Chestnut Hill 67,
Massachusetts.
Arbok Univ. Bergen. Mat.-Nat. Ser. (Norway)
Arbok for Universitetet i Bergen, Matematisk-naturvitenskapelig Serie — University of Bergen, Bergen.
Distribution address: Karl Johansgt. 47. Oslo.

Arch. Automat. Telemech. (Poland)
Archiwum Automatyki i Telemechaniki — Polska Akademia Nauk, Zaklad Automatyki. Subscription address: CKPW "Ruch", ul. Wronia 23, Warszawa.

Arch. Elekt. Ubertragung (Germany)
Archiv der Elektrischen Übertragung — S. Hirzel Verlag, Stuttgart.

Arch. Elektrotech. (Germany)
Archiv für Elektrotechnik — Springer-Verlag, Heidelberger Platz 3, 1 Berlin-Wilmersdorf (West Berlin); Neuenheimer Landstrasse 28-30, 69 Heidelberg.

Arch. Elektrotech. (Poland)
Archiwum Elektrotechniki — Polska Akademia Nauk. Instytut Podstawowych Problemow Techniki. Subscription address: Export and Import Enterprise "Ruch", Wilcza 46, Warszawa.

Arch. Sci. (Switzerland)
Archives des Sciences — Société de Physique et d'Histoire Naturelle de Genève. Subscription address: Librairie Payot, 6 Rue Grenus, Genève.

Arch. Tech. Messen (Germany)
Archiv für technisches Messen und industrielle Messtechnik — R. Oldenbourg, Rosenheimer Str. 145, München 8.

Ark. Astron. (Sweden)
Arkiv för Astronomi — Kungliga Svenska Vetenskapsakademien, Stockholm 50. Subscription address: Almqvist & Wiksell, Gamla Brogatan 26, Stockholm.

Ark. Fys. (Sweden)
Arkiv för Fysik — Kungliga Svenska Vetenskapsakademien, Stockholm 50. Subscription address: Almqvist & Wiksell, Gamla Brogatan 26, Stockholm.

Ark. Geofys. (Sweden)
Arkiv för Geofysik — Kungliga Svenska Vetenskapsakademien, Stockholm 50. Subscription address: Almqvist & Wiksell, Gamla Brogatan 26, Stockholm.

Ark. Kemi (Sweden)
Arkiv för Kemi — Kungliga Svenska Vetenskapsakademien, Stockholm 50. Subscription address: Almqvist & Wiksell, Gamla Brogatan 26, Stockholm.

Ark. Mat. (Sweden)
Arkiv för Matematik — Kungliga Svenska Vetenskapsakademien, Stockholm 50. Subscription address: Almqvist & Wiksell, Gamla Brogatan 26, Stockholm.

Ark. Mineral. (Sweden)
Arkiv för Mineralogi och Geologi — Kungliga Svenska Vetenskapsakademien, Stockholm 50. Subscription address: Almqvist & Wiksell, Gamla Brogatan 26, Stockholm.

Arq. Inst. Gulbenkian Cienc. (Portugal)
Arquivo do Instituto Gulbenkian de Ciencia. A (Estudos do Matematicos e Fisico-Matematicos) — Centro de Calculo Cientifico, Rua D. Joao V, 30, Lisboa 2.

Asea J. (Sweden)
Asea Journal — Allmanna Svenska Elektriska AB, Vasterås; Villiers House 41, Strand, London, WC2.

Asea Res. (Sweden)
Asea Research — Allmanna Svenska Elektriska AB, Västerås.

Astron. J. (USA)
Astronomical Journal — Published for the American Astronomical Society by the American Institute of Physics, 335 East 45th Street, New York 17, NY.

Astron. Zh. (USSR)
Astronomicheskii Zhurnal — Agent: Mezhdunarodnaya Kniga, Moskva. [A translation is published as: Soviet Astronomy — AJ.]

Astronomie (France)
L'Astronomie — Société Astronomique de France, 28 Rue Serpente, Paris 6.

Astrophys. J. (USA)
Astrophysical Journal — University of Chicago Press, 5750 Ellis Avenue, Chicago 37, Illinois.

Astrophys. Norveg. (Norway)
Astrophysica Norvegica — Institute of Theoretical Astrophysics, University of Oslo, Blindern, per Oslo. Subscription address: H. Aschehoug (W. Nygaard), Oslo.

Atom u. Strom (Germany)
Atom and Strom — Vereinigung Deutscher Elektrizitätswerke. Verlags-u. Wirtschaftsgesellschaft der Elektrizitätswerke, Stresemannallee 23, 60000 Frankfurt (Main) S 10.

Atomkernenergie (Germany)
Atomkernenergie — Verlag Karl Thiemig, Pilgersheimerstrasse 38, München 9.

Atomkraftwerk (Austria)
Das Atomkraftwerk — Issued as inset in: Österreichische Zeitschrift für Elektrizitätswirtschaft [Osterr. Z. ElektWirtsch (OZE)].

Atomnaya Energiya (USSR)
Atomnaya Energiya — Akademiya Nauk SSSR, Leninskii prosp. 14, Moskva. [English translations of selected papers are published in Journal of Nuclear Energy, Parts A, B and C]

Atti Accad. Sci. Torino (Italy)
Atti della Accademia delle Scienze di Torino. I. Classe di Scienze Fisiche, Matematiche e Naturali — Via Accademia dell Scienze 6; Via Maria Vittoria 3, Torino (208).

Atti Convegno Annu., Assoc. Geofis. Ital.
Atti del Convegno Annuale, Associazione Geofisica Italiana — Piazzale delle Scienze 7, Roma.

Atti Fond. Ronchi (Italy)
Atti della Fondazione Giorgio Ronchi e Contributi dell' Istituto Nazionale di Ottica — Via S. Leonardo 79, Arcetri-Firenze, Italy.

Atti Semin. Mat. Fis. Univ. Modena (Italy)
Atti del Seminario Matematico e Fisico dell' Universita di Modena — Modena.

Atti Soc. Peloritana Sci. Fis. Mat. Nat. (Italy)
Atti della Societa Peloritana di Scienze Fisiche Mathematiche e Naturali — Università di Messina, Messina.

Austral. J. Appl. Sci.
Australian Journal of Applied Science — Commonwealth Scientific and Industrial Research Organization, 372 Albert Street, East Melbourne, C2, Victoria.

Austral. J. Phys.
Australian Journal of Physics — Commonwealth Scientific and Industrial Research Organization, 314 Albert Street, East Melbourne, C2, Victoria.

Austral. J. Sci.
Australian Journal of Science — Australian and New Zealand Association for the Advancement of Science, Science House, 157 Gloucester Street, Sydney.

Automat. Elect. Tech. J. (USA)
Automatic Electric Technical Journal — Automatic Electric Laboratories Inc., Northlake, Illinois.

Automat. si Electronica (Rumania)
Automatica si Electronica — Str. Ion Ghica 3, Bucuresti.

Automat. Remote Control (USA)
Automation and Remote Control — Instrument Society of America, Penn-Sheraton Hotel, 530 William Penn Place, Pittsburgh 19, Pennsylvania. [A translation of: Avtomatika i Telemekhanika].

Automatica (GB)
Automatica — Pergamon Press, Headington Hill Hall, Oxford; 122 East 55th Street, New York 22, NY.

Automatisme (France)
Automatisme — Dunod, 92, Rue Bonaparte, Paris 6.

Avhandl. Norske VidenskAkad. Oslo (Norway)
Avhandlingar utgitt av det Norske Videnskaps-Akademi i Oslo. I. Matematisk-Naturvidenskaplige Klasse — Faculty of Mathematics and Science, University of Oslo, Blindern, per Oslo.

Avtomat. i Telemekh. (USSR)
Avtomatika i Telemekhanika — Akademiya Nauk SSSR, Leninskii Prosp. 14, Moskva. [A translation is published as: Automation and Remote Control].

BBC Engng Monogr. (GB)
BBC Engineering Division Monographs — British Broadcasting Corporation Publications, 35 Marylebone High Street, London W1.

BBC Nachr. (Germany)
BBC Nachrichten — Brown Boveri, Mannheim.

BHG Telecomm. Rev. (Hungary)
BHG Telecommunication Review — Budapest Telecommunication Company, Tanacs Körut 3/a, Budapest VII.

Beitr. Plasma Physik (Germany)
Beiträge aus der Plasma Physik — Akademie-Verlag, Leipziger Strasse 3-4, Berlin, W8.

Bell Lab. Record (USA)
Bell Laboratories Record — Bell Telephone Laboratories, 463 West Street, New York 14, NY.

Bell Syst. Tech. J. (USA)
Bell System Technical Journal — American Telephone and Telegraph Co., 195 Broadway, New York 7, NY.

Ber. Bunsengesell. Phys. Chem. (Germany)
Berichte der Bunsengesellschaft für Physikalische Chemie —Verlag Chemie, Weinheim/Bergstrasse.

Biochim. Biophys. Acta (Netherlands)
Biochimica et Biophysica Acta. Biophysics including Photosynthesis — Elsevier, PO Box 211, Amsterdam.

Biul. Inst. Energetyki (Poland)
Biuletyn Institutu Energetyki — Issued as inset in: Energetyka (Poland).

Bol. Acad. Nac. Cienc. (Argentina)
Boletin de la Academia Nacional de Ciencias — Casilla de Correo 36, Cordoba.

Bol. Fac. Ingen. Montevideo (Uruguay)
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Hochfrequenztechnik und Elektroakustik — Akademische Verlagsgesellschaft Geest und Portig K-G, Sternwartenstrasse 8, Leipzig, C1.

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La Houille Blanche — Post Box 41, Grenoble (Isère).

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  - IEEE International Convention Record — Institute of Electrical and Electronics Engineers, Box A, Lenox Hill Station, New York 21, NY.
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  - Indian and Eastern Engineer — "Sohrab House", 235 Dr. D. Naoroji Road, Bombay 1. British Associates: Grampian Press, The Tower, Shepherds Bush Road, London, W6.
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Ingegneria Ferroviaria — Piazza Croce Rossa, Roma.

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L'Ingegnere — Associazione Nazionale Ingegneri e Architetti Italiani, Via Della Mercede 33, Roma.

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Izvestiya na Fizicheskiya Institut s ANEB — Sofiya.

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Journal of the Audio Engineering Society — Publications address: 104 Liberty Street, Utica, NY.

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Journal of the British Astronomical Association — 303 Bath Road, Hounslow West, Middlesex.

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Journal of Geomagnetism and Geoelectricity — Society of Terrestrial Magnetism and Electricity of Japan. Geophysical Institute, Tokyo University, Tokyo.

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J. Instn Engrs (India)
Journal of the Institution of Engineers (India). Electrical Engineering Division, Electronics and Telecommunication Engineering Division — 8 Gokhale Road, Calcutta.

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- Technol. Rep. Osaka Univ. (Japan)
  - Technology Reports of the Osaka University — Faculty of Engineering, Osaka University, Higashinoda, Osaka.
- Technol. Rep. Tohoku Univ. (Japan)
  - Technology Reports of the Tôhoku University — Sendai.
- Tecn. Ital.
  - Tecnica Italiana — Via Cesare Beccaria 6, Trieste.
- Tecnica (Portugal)
  - Técnica — Associacão dos Estudantes do Instituto Superior Técnico, Av. Rovisco Pais, Lisboa-1.
- Tekh. Kibernetika (USSR)
  - Tekhnicheskaya Kibernetika — Akademiya Nauk SSSR, Leninskii prosp. 14, Moskva. [A translation is published as: Engineering Cybernetics].
- Tekn. Forum (Finland)
  - Tekniskt Forum — Tekniska Föreningens i Finland, Svenska Teaterhuset, Helsinki.
- Tekn. Tidskrift (Sweden)
  - Teknisk Tidskrift — Svenska Teknologföreningen. Box 841, Stockholm 1.
- Tekn. Ukeblad (Norway)
  - Teknisk Ukeblad — Norske Ingeniórforening og den Polytekniske Forening, Kronprinsensgate 17, Oslo 1.
- Tekn.-Vetensk. Forskn. (TVF) (Sweden)
  - TVF Teknisk-Vetenskaplig Forskning — Ingeniörs VetenskapsAkademien [Royal Swedish Academy of Engineering Sciences], Box 5073, Stockholm 5.
- Tele (Sweden)
  - Tele. Meddelanden från Kungliga Telestyrelsen — Brunkebergstorg 2, Stockholm. [Published in two editions, English and Swedish. The Swedish edition appears four times a year; the English edition appears twice a year].
- Telecommunications (India)
  - Telecommunications — Ridge Road, Jabalpur (MP).
- Telecomm. Radio Engng, Pt 1 (USA)
  - Telecommunications and Radio Engineering, Part 1: Telecommunications — Institute of Electrical and Electronics Engineers, Box A, Lenox Hill Station, New York 21, NY. [A translation of: Elektrosvyaz'].
- Telecomm. Radio Engng, Pt 2 (USA)
  - Telecommunications and Radio Engineering, Part 2: Radio Engineering — Institute of Electrical and Electronics Engineers, Box A, Lenox Hill Station, New York 21, NY. [A translation of Radiotekhnika].
- Telecomunicatii (Rumania)
  - Telecomunicatii — Str. Ion Ghica 3, Bucureşti.
- Telefunken-Röhre (Germany)
  - Telefunken-Röhre — Telefunken, Söflinger Strasse 100, Ulm/Donau.
- Telefunken Ztg (Germany)
  - Telefunken Zeitung — Telefunken, Ernst-Reuter-Platz 7, 1 Berlin 10.
- Telegr. en Telef. (Netherlands)
  - Telegraaf en Telefoon — Vereniging van Hoger Personeel der PTT. Publication address: P.Bolhius, Perenstraat 187, Den Haag.
- Telektronikk (Norway)
  - Telektronikk — Telegrafstyrets Bibliotek, Kongensgt. 21, Oslo.
- Teleteknik (Denmark)
  - Teleteknik — 16 Kannikegade, Aarhus C. [English translations of selected articles from the Danish Edition are published in an English Edition, and also occasional articles not appearing in the Danish Edition].
- Televis. Soc. J. (GB)
  - Television Society Journal — 166 Shaftesbury Avenue, London, WC2.
- Tellus (Sweden)
  - Tellus — Svenska Geofysiska Föreningen. Subscription address: Tulegatan 41, Stockholm.
- Teplofiz. Vysokikh Temp. (USSR)
  - Teplofizika Vysokikh Temperatur — Adakemiya Nauk SSSR. Editorial address: Krasnokazarmennaya Ul., 17, Korpus 2, Moskva E-250. [A translation is published as: High Temperature].
- Textile Res. J. (USA)
  - Textile Research Journal — Textile Research Institute, Publications Department, PO Box 625, Princeton, New Jersey.
- Tijdschrift Ned. Elektronica Radiogenoot. (Netherlands)
  - Tijdschrift van het Nederlands Elektronica- en Radiogenootschap — Editorial address: Prinses Marijkelaan 7, Leidschendam.
- Tokyo Astron. Bull. (Japan)
  - Tokyo Astronomical Bulletin — Tokyo Astronomical Observator University of Tokyo, Mitaka, Tokyo.
- Toshiba Rev. [Internat. Ed.] (Japan)
  - Toshiba Review [International Edition] — Tokyo Shibaura Electric Co., Tokyo.
- Trans ASME (USA)
  - Transactions of the ASME. Series C. Journal of Heat Transfer. Series D. Journal of Basic Engineering — American Society of Mechanical Engineers, 345 East 47th Street, New York 17, NY.
- Trans Bose Res. Inst. (India)
  - Transactions of the Bose Research Institute — 93/1 Acharya Prafulla Chandra Road, Calcutta 9.
- Trans Brit. Ceram Soc.
  - Transactions of the British Ceramic Society — Shelton House, Stoke-on-Trent.
- Trans Engng Inst. Canada
  - Transactions of the Engineering Institute of Canada. Series A (Civil, Geotechnical, Bridge and Structural); Series B (Mechanical, Welding, Thermal); Series C (Electrical, Communications, Electronics and Automation, Hydro-Electric) — 2050 Mansfield Street, Montreal 2.
- Trans Faraday Soc. (GB)
  - Transactions of the Faraday Society — 6 Gray's Inn Square, London, WC1. Publisher: Aberdeen University Press, Farmers Hall, Aberdeen.
- Trans Illum. Engng Soc. (GB)
  - Transactions of the Illuminating Engineering Society — York House, Westminster Bridge Road, London, SE1.
- Trans Inst. Marine Engrs (GB)
  - Transactions of the Institute of Marine Engineers — Memorial Building, 76 Mark Lane, London, EC3.
- Trans Inst. Metal Finishing (GB)
  - Transactions of the Institute of Metal Finishing — 178 Goswell Road, London, EC1.
- Trans Instn Engrs Shipbld. Scotland
  - Transactions of the Institution of Engineers and Shipbuilders in Scotland — 39 Elmbank Crescent, Glasgow, C2.
- Trans Japan Inst. Metals
  - Transactions of the Japan Institute of Metals — 69 Minamimachi, Sendai.
- Trans Metall. Soc. AIME (USA)
  - Transactions of the Metallurgical Society of AIME — American Institute of Mining, Metallurgical and Petroleum Engineers, 345 East 47th Street, New York 17, NY.
- Trans NE Coast Instn Engrs Shipbld. (GB)
  - Transactions of the North East Coast Institution of Engineers and Shipbuilders — Bolbec Hall, Newcastle upon Tyne 1.
- Trans Nat. Res. Inst. Metals (Japan)
  - Transactions of National Research Institute for Metals — 300, 2-Chome, Nakameguro, Meguro-ku, Tokyo.
- Trans Roy. Instn Naval Archit. (GB)
  - Transactions of the Royal Institution of Naval Architects — 10 Upper Belgrave Street, London, SW1.
- Trans Roy. Soc. Edinburgh (GB)
  - Transactions of the Royal Society of Edinburgh — 22 George Street, Edinburgh 2.
- Trans Roy. Soc. S.Africa
  - Transactions of the Royal Society of South Africa — University of Cape Town, Rondebosch.
- Trans S.African Inst. Elect. Engrs
  - Transactions of the South African Institute of Electrical Engineers — Kelvin House, Marshall and Hollard Streets, Johannesburg.
- Trans Soc. Instrum. Technol. (GB)
  - Transactions of the Society of Instrument Technology 20 Peel Street, London, W8.
- Transm. and Distrib. (USA)
  - Transmission and Distribution — Cleworth, One River Road, Cos Cob, Connecticut 06807.
- Trav. Inst. Sci. Cherifien, Ser. Sci. Phys. (Morocco)
  - Travaux de l'Insitut Scientifique Chérifien, Série Sciences Physiques — Avenue Biarnay, Rabat.

- UK Atomic Energy Authority AEEW Mem. and Rep.; AERE Mem. and Rep.; AERE Transl.; AWRE Rep.; CLM Rep.; DEG Inform. Ser.; PG Rep.; TRG Inform. Ser.; TRG Rep.
  - United Kingdom Atomic Energy Authority Publications — 11 Charles II Street, London, SW1. Available from: HM Stationery Office, Kingsway, London, WC2.
- URSI Inform. Bull. (Internat.)
  - URSI Information Bulletin — Union Radio Scientifique Internationale, 7 Place Emile Danco, Bruxelles, Belgium.
- Ukrayin. Fiz. Zh. (USSR)
  - Ukrayins'kȳi Fizȳchnȳi Zhurnal — Akademiya Nauk Ukrayins'koyi RSR. Editorial address: Velyka Kȳtayivs'ka 115, Kiev.
- Ultrasonics (GB)
  - Ultrasonics — Iliffe, Dorset House, Stamford Street, London, SE1.
- Uspekhi Fiz. Nauk (USSR)
  - Uspekhi Fizicheskikh Nauk — Agent: Mezhdunarodnaya Kniga, Moskva. [A translation is published as: Soviet Physics—Uspekhi].

- VDE Fachber. (Germany)
  - VDE Fachberichte — Verband Deutscher Elektrotechniker. Publication address: VDE Verlag, Bismarckstrasse 33, Berlin-Charlottenburg 2.
- VDI Z. (Germany)
  - VDI Zeitschrift —Verein Deutscher Ingenieure, Prinz-Georg-Strasse 77/79, Düsseldorf. Publisher: VDI-Verlag, Postfach 10250, 4 Düsseldorf 10.
- Vacuum (GB)
  - Vacuum — Pergamon Press, Headington Hill Hall, Oxford; 122 East 55th Street, New York 22, NY.
- Vakuum-Tech. (Germany)
  - Vakuum-Technik — Rudolf A. Lang Verlag, Limburger Str. 4, 6271 Esch/Taunus.
- Verhandl. K. Vlaamse Acad. Wetensch. (Belgium)
  - Verhandelingen van de Koninklijke Vlaamse Academie voor Wetenschappen, Letteren en Schone Kunsten van België. — Paleis der Academiën, Hertogsstraat 1, Bruxelles.
- Vide (France)
  - Le Vide — Société Française des Ingénieurs et Techniciens du Vide, 147 ter A, Boulevard de Strasbourg, Nogent-sur-Marne (Seine).
- Vikram (India)
  - The Vikram — Vikram University, Ujjain, India.
- Vision Res. (GB)
  - Vision Research — Pergamon Press, Headington Hill Hall, Oxford; 122 East 55th Street, New York 22, NY.

- WSW Tech. Ber. (Austria)
  - WSW Technische Berichte — Siemens und Halske, Wiener Schwachstrom Werke, Apostelgasse 12, Wien 3.
- Water Power (GB)
  - Water Power — Tothill Press, 33 Tothill Street, London, SW1.
- Welding J. (USA)
  - Welding Journal — American Welding Society, 345 East 47th Street, New York, NY, 10017.
- Westinghouse Engr (USA)
  - Westinghouse Engineer — PO Box 2278, 3 Gateway Center, Pittsburgh, Pennsylvania 15230.
- Wireless World (GB)
  - Wireless World — Iliffe Electrical Publications, Dorset House, Stamford Street, London, SE1.
- Wiss. Z. Hochsch. Elektrotech. Ilmenau (Germany)
  - Wissenschaftliche Zeitschrift der Hochschule für Elektrotechnik—Title changed to: Wissenschaftliche Zeitschrift der Technischen Hochschule Ilmenau [Wiss. Z. Tech. Hochsch. Ilmenau] with Vol. 10, No. 1-2, 1964.
- Wiss. Z. Hochsch. Maschinenbau Karl-Marx-Stadt (Germany)
  - Wissenschaftliche Zietschrift der Hochschule für Maschinenbau Karl-Marx-Stadt — Karl. Marx-Stadt.
- Wiss. Z. Tech. Hochsch. Ilmenau (Germany)
  - Wissenschaftliche Zeitschrift der Technischen Hochschule Ilmenau—Strasse der Jungen Techniker 21, Ilmenau. (Formerly: Wissenshaftliche Zeitschrift der Hochschule für Elektrotechnik).
- Wiss. Z. Tech. Hochsch. Otto von Guericke Magdeburg (Germany)
  - Wissenschaftliche Zeitschrift der Technischen Hochschule Otto von Guericke Magdeburg — Boleslav-Bierut-Platz 5, Magdeburg.
- Wiss. Z. Tech. Univ. Dresden (Germany)
  - Wissenschaftliche Zeitschrift der Technischen Universität Dresden — Mommsenstrasse 13, Dresden.
- World Power Conf., Gen. Rep. and papers
  - General Reports and Papers read before the World Power Conference — International Executive Council, 201-2 Grand Buildings, Trafalgar Square, London, WC2.

- Yadernaya Fizika (USSR)
  - Yadernaya Fizika — Editorial address: Leninskii prospekt 61, Moskva V-333 [A translation is published as: Soviet Journal of Nuclear Physics].

- Z. Angew. Math. Phys. (Switzerland)
  - Zeitschrift für angewandte Mathematik und Physik — Verlag Birkhäuser, Elisabethenstrasse 15, Basel 10.
- Z. Angew. Phys. (Germany)
  - Zeitschrift für angewandte Physik — Springer-Verlag, Heidelberger Platz 3, 1 Berlin—Wilmersdorf; Postfach 3027, 69 Heidelberg 1.
- Z. Astrophys. (Germany)
  - Zeitschrift für Astrophysik — Springer-Verlag, Heidelberger Platz 3, 1 Berlin-Wilmersdorf; Postfach 3027, 69 Heidelberg 1.
- Z. Geophys. (Germany)
  - Zeitschrift für Geophysik — Physica-Verlag, Münzstrasse 12, Würzburg 87.
- Z. InstrumKde (Germany)
  - Zeitschrfit für Instrumentenkunde — Friedr. Vieweg, Postfach 185, Burgplatz 1, Braunschweig.
- Z. Krist. (Germany)
  - Zeitschrift fur Kristallographie — Akademische Verlagsgesellschaft, Frankfurt am Main.
- Z. Metallkde (Germany)
  - Zeitschrift für Metallkunde — Riederer-Verlag, Mörikestrasse 17, 7 Stuttgart S.
- Z. Phys. Chem., Leipzig (Germany)
  - Zeitschrift für physikalische Chemie — Akademische Verlagsgesellschaft Geest und Portig K.-G., Sternwartenstrasse 8, Leipzig, C1.
- Z. Naturforsch. (Germany)
  - Zeitschrift für Naturforschung (a): Astrophysik, Physik und physikalische Chemie — Postfach 61, (74) Tübingen.
- Z. Phys. (Germany)
  - Zeitschrift für Physik — Springer-Verlag, Heidelberger Platz 3, 1 Berlin-Wilmersdorf; Postfach 3027, Heidelberg 1.
- Z. Phys. Chem., Frankfurt (Germany)
  - Zeitschrift für physikalische Chemie. Neue Folge — Akademische Verlagsgesellschaft, Cronstettenstrasse 6a, 6 Frankfurt am Main; Academic Books, 129 Queensway, London W2; Walter J.Johnson, 111 Fifth Avenue, New York 3, NY.
- Z. Wiss. Mikr. (Germany)
  - Zeitschrift für wissenschaftliche Mikroskopie und mikroskopische Technik — S.Hirzel Verlag, Stuttgart.
- Z. Wiss. Photogr. (Germany)
  - Zeitschrift für wissenschaftliche Photographie, Photophysik und Photochemie — J.A.Barth, Salomonstrasse 18B, Leipzig, C1.
- Zh. Eksper. Teor. Fiz. (USSR)
  - Zhurnal Eksperimentalnoĭ i Teoreticheskoĭ Fiziki — Akademiya Nauk SSSR, Leninskii prosp. 14, Moskva. Editorial address: Varob'evskoe shosse 2, Moskva V-334. [A translation is published as Soviet Physics — JETP].
- Zh. Eksper. Teor. Fiz. Pis'ma (USSR)
  - Zhurnal Eksperimentalnoi i Teoreticheskoi Fiziki. Pis'ma v Redaktsiyu — Akademiya Nauk SSSR, Leninskii prosp. 14, Moskva. Editorial address: Varob'evskoe shosse 2, Moskva V-334 [A translation is published as: JETP Letters].
- Zh. Priklad. Spektrosk. (USSR)
  - Zhurnal Prikladnoi Spektroskopii — Editorial address: Institut fiziki AN BSSR, Leninskii prospekt 70, Minsk GSP.
- Zh. Tekh. Fiz. (USSR)
  - Zhurnal Tekhnicheskoi FizikI — Akademiya Nauk SSSR, Leninskii prosp. 14, Moskva. [A translation is published as Soviet Physics — Technical Physics].
- Zh. Vychislit. Mat. Fiz. (USSR)
  - Zhurnal Vychislitel'noi Matematiki i Matematicheskoi Fiziki — Akademiya Nauk SSSR, Leninskii prosp. 14, Moskva.

JOURNALS ABSTRACTED COMPLETELY

The following list gives the names of those journals whose scientific contents have been completely abstracted in "Physics Abstracts" in 1965. Since nearly all journals occasionally publish items of a non-scientific, transient or trivial character, which it is neither appropriate nor desirable to record among the abstracts of serious scientific communications, a certain amount of discretion must be allowed in the interpretation of the phrase "completely abstracted". Items such as editorials, obituary notices, announcement of meetings, descriptions of commercial products, and so on, have usually been passed over, and when these occurred the journal was not literally abstracted completely in the sense that every line of print was covered. Nevertheless, within the discretion of the editorial staff of "Physics Abstracts", all serious scientific communications were covered, whether original or review articles, and including also letters and short notes (though not necessarily minor notes on laboratory arts or manipulations).

Some of these journals publish a small proportion of articles on subjects not normally considered to come within the field of interest of "Physics Abstracts". They are all recorded and indexed, in accordance with the undertaking given above, but in some cases only the titles of the articles are given. The number of such articles is too small to weigh against the inclusion of the corresponding journals in the list, particularly those of national physical societies.

Acta Phys. Austriaca
Acta Phys. Hungar.
Acta Phys. Polon.
Acta Phys. Sinica (China)
Acustica (Internat.)
Advances Atomic Molecular Phys. (USA)
Advances in Phys. (GB)
Advances Theor. Phys. (USA)
Akust. Zh. (USSR)
Amer. J. Phys.
Ann. Inst. Poincare A (France)
Ann. Phys. (Germany)
Ann. Phys. (France)
Ann. Phys. (USA)
Appl. Optics (USA)
Appl. Phys. Letters (USA)
Ark. Fys. (Sweden)
Austral. J. Phys.
Brit. J. Appl. Phys.
C.R. Acad. Sci. (France) Groups 4, 5 & 6
Canad. J. Phys.
Chinese J. Phys. (Taiwan)
Czech. J. Phys.
Dokl. Akad. Nauk SSSR (Phys. Sec.)
Exper. Tech. Phys. (Germany)
Fiz. Tverdogo Tela (USSR)
Fortschr. Phys. (Germany)
Helv. Phys. Acta (Switzerland)
Indian J. Phys.
Indian J. Pure Appl. Phys.
Indian J. Theor. Phys.
Izv. Akad. Nauk SSSR, Ser. Fiz.
Japan. J. Appl. Phys.
J. Acoust. Soc. Amer.
J. Appl. Phys. (USA)
J. Atmos. Terrest. Phys. (GB)
J. Chem. Phys. (USA)
J. Math. Phys., New York (USA)
J. Opt. Soc. Amer.
J. Phys. (France)
J. Phys. Chem. Solids (GB)
J. Phys. Soc. Japan
J. Sci. Instrum. (GB)
Kristallografiya (USSR)
Nuclear Fusion (Internat.)
Nuclear Phys. (Netherlands)
Nuovo Cimento (Italy)
Optica Acta (GB)
Optik (Germany)
Optika i Spektrosk. (USSR)
Phil. Mag. (GB)
Phys. of Fluids (USA)
Phys. Kondens. Materie (Germany)
Phys. Letters (Netherlands)
Phys. Norveg.
Phys. Rev. (USA)
Phys. Rev. Letters (USA)
Phys. Status Solidi (Germany)
Physica (Netherlands)
Physics (USA)
Plasma Phys.-Accelerators-Thermonuclear Res. (GB)
Pribory Tekh. Eksper. (USSR)
Proc. Phys. Soc. (GB)
Progr. Element. Particle Cosmic Ray Phys. (USA)
Progr. Theor. Phys. (Japan)
Rep. Progr. Phys. (GB)
Rev. Mexicana Fis.
Rev. Mod. Phys. (USA)
Rev. Roumaine Phys.
Rev. Sci. Instrum. (USA)
Solid State Commun. (USA)
Solid State Phys. (USA)
Ukrayin. Fiz. Zh. (USSR)
Uspekhi Fiz. Nauk (USSR)
Yadernaya Fizika (USSR)
Z. Angew. Phys. (Germany)
Z. Naturforsch. (Germany)
Z. Phys. (Germany)
Zh. Eksper. Teor. Fiz. (USSR)
Zh. Eksper. Teor. Fiz. Pis'ma (USSR)
Zh. Tekh. Fiz. (USSR)

The following list gives the names of those journals all of whose scientific and technical articles are at present being abstracted in "Electrical Engineering Abstracts".

Matter such as literature reviews, descriptions and specifications of commercial instruments, personal notes, introductory articles, and so on, is not abstracted.

The absence of a title from the list does not exclude the possibility that the contents of the journal are also being abstracted completely in the sense indicated above, and in such cases the journal titles will be added to the list in due course.

Acta Electronica (France)
Acta Polytech. Scandinavica, El.
Alta Frequenza (Italy)
Ann Radioelect. (France)
Arch. Elekt. Ubertragung (Germany)
Arch. Elektrotech. (Germany)
Arch. Elektrotech. (Poland)
BBC Engng Monogr. (GB)
Bell Syst. Tech. J. (USA)
Elect. Engng Japan
Electronic Engng (GB)
Electronics Letters (GB)
Elektrichestvo (USSR)
Elektrotech. Obzor (Czechoslovakia)
Elektrotech. Z. (ETZ) A (Germany)
Frequenz (Germany)
Hochfrequenztech. und ElektAkust. (Germany)
IBM Syst. J. (USA)
IEEE Trans Antennas Propagation (USA)
IEEE Trans Automatic Control (USA)
IEEE Trans Broadcast Televis. Receivers (USA)
IEEE Trans Circuit Theory (USA)
IEEE Trans Commun. Technol. (USA)
IEEE Trans Elect. Insulation (USA)
IEEE Trans Electron Devices (USA)
IEEE Trans Electronic Computers (USA)
IEEE Trans Inform. Theory (USA)
IEEE Trans Industr. Gen. Applic. (USA)
IEEE Trans Magnetics (USA)
IEEE Trans Microwave Theory Tech. (USA)
IEEE Trans Power Apparatus Syst. (USA)
IEEE Trans Reliability (USA)
IEEE Trans Sonics Ultrasonics (USA)
Internat. J. Control (GB)
Internat. J. Electronics (GB)
J. Inst. Elect. Commun. Engrs Japan
J. Radio Res. Lab. (Japan)
J. Res. Nat. Bur. Stand. D (USA)
Nachrichtentechnik (Germany)
Nachrichtentech. Z. (Germany)
Prace Inst. Lacznosci (Poland)
Proc. Inst. EEE (USA)
Proc. Instn Elect. Engrs (GB)
Przeglad Elektron. (Poland)
Radiotekhnika i Elektronika (USSR)
Rundfunktech. Mitt. (Germany)
Scientia Electrica (Switzerland)
Slaboproudy Obzor (Czechoslovakia)
Solid-State Electronics (GB)
Tech. Mitt. RFZ (Germany)
Tech. Mitt. PTT (Switzerland)
Tijdschrift Ned. Radiogenoot. (Netherlands)

ABSTRACTING JOURNALS

Abstracts signed with the following names are reproduced from other abstracting journals with the kind permission of the organizations concerned, to whom grateful acknowledgment is made.

Applied Mechanics Reviews
    American Society of Mechanical Engineers, United Engineering Centre, 345 East 47th Street, New York 17, NY.
    Editorial Office: Southwest Research Institute,
    8500 Culebra Road, San Antonia 6, Texas.
Associated Elect. Industr. (Manchester)
    Associated Electrical Industries (Manchester) Limited, Research Laboratory Technical News Bulletin
    —Trafford Park, Manchester 17.
Central Electricity Generating Board Digest
    Bankside House, Sumner Street, London, SE1.
Copper Abstracts
    Copper Development Association, 55 South Audley Street, London, W1.
Electrical Research Association
    British Electrical and Allied Industries Research Association, Cleeve Road, Leatherhead, Surrey.
Inst. Internat. du Froid
    Bulletin de l'Institut International du Froid–177 Boulevard Malesherbes, Paris 17.
Instrument Abstracts
    Instrument Abstracts—Compiled by the British Scientific Instrument Research Association (SIRA) and published by Taylor and Francis, Red Lion Court, Fleet Street, London, EC4.
Mathematical Reviews
    American Mathematical Society, 190 Hope Street, Providence 6, Rhode Island.
Metallurgical Abstracts
    Institute of Metals, 17 Belgrave Square, London, SW1.
Meteorological and Geoastrophysical Abstracts
    American Meteorological Society, 45 Beacon Street, Boston 8, Massachusetts.
Nuclear Science Abstracts
    US Atomic Energy Commission, Office of Technical Information, PO Box 62, Oak Ridge, Tennessee. Obtainable from: US Government Printing Office, Washington 25, DC.
Photographic Abstracts
    Royal Photographic Society of Great Britain, 16, Princes Gate, London, SW7.
Railway Engineering Abstracts
    Published by the Institution of Civil Engineers in association with British Railways and London Transport Executive.
    Subscription address: Institution of Civil Engineers, Great George Street, Westminster, London, SW1.
Rheology Abstracts
    Published for the British Society of Rheology by: Pergamon Press, 4 and 5 Fitzroy Square, London, W1; 122 East 55th Street, New York 22, NY.

THE TRANSLITERATION OF RUSSIAN FOR BIBLIOGRAPHICAL PURPOSES

English Letters	Languages	Cyrillic Letters	English Letters	Languages	Cyrillic Letters
a	R S B	А а	p	R S B	П п
b	R S B	Б б	r	R S B	Р р
ch	R S B	Ч ч	s	R S B	С с
d	R S B	Д д	sh	R S B	Ш ш
e	R S B	Е е	shch	R	Щ щ
ë	R	Ё ё	sht	B	Щ щ
é	R	Э э	t	R S B	Т т
ê	R B	Ѣ ѣ	t'	R B	ТЬ ть
f	R S B	Ф ф	t'	S	Ћ ћ
g	R S B	Г г	th	R	Ѳ ѳ
i	R S B	И и	ts	R S B	Ц ц
ī	R	І і	t-s	R S B	ТС тс
ĭ	R B	Й й	u	R S B	У у
j	S	Џ џ	ŭ	B	Ъ ъ
j'	S	Ђ ђ	ū	B	Ѫ ѫ
k	R S B	К к	v	R S B	В в
kh	R S B	Х х	y	S	Ј ј
l	R S B	Л л	ȳ	R	Ы ы
l'	R B	ЛЬ ль	y̆	R	Ѵ ѵ
l'	S	Љ љ	ya	R B	Я я
m	R S B	М м	yu	R B	Ю ю
n	R S B	Н н	z	R S B	З з
n'	R B	НЬ нь	zh	R S B	Ж ж
n'	S	Њ њ	'	R	Ъ ъ
o	R S B	О о	'	R B	Ь ь

The use of l', n' and t' in Russian and Bulgarian (where they are not transliterations of a single letter, but merely l, n or t followed by the soft sign) is included to emphasize the fact that they are used for single letters only in Serbian.

Shch and sht invariably represent the letter Щ in Russian and Bulgarian respectively, since the pairs of letters (ШЧ in Russian and ШТ in Bulgarian) seem never to occur consecutively in the respective languages.

The above table is reproduced, by permission, from the pamphlet "The Transliteration of Russian, Serbian and Bulgarian for Bibliographical Purposes" published by The Royal Society, Burlington House, London, W.1 (February, 1953, price 1s.0d.). It represents the system at present in use in "Science Abstracts" for the transliteration of the names of journals and the names of authors of articles abstracted.

AUTHOR INDEX – PART II

For the sake of simplicity and uniformity, all names beginning with articles or prepositions are listed as if written as single words, regardless of nationality (e.g. Van Vleck is listed as if written Vanvleck). Cross-references are included in appropriate places. Compound names are generally listed under the last component, unless hyphenated; exceptions to this rule are appropriately cross-referenced.

All names are reproduced in the abstracts and the index with the same spelling as in the original articles; in the case of articles printed in Cyrillic characters, a letter-by-letter transliteration is given, in accordance with the scheme given at the beginning of this part of "Science Abstracts". Russian authors' names may appear in Latin-alphabet publications in various forms, due to the use of different transliteration schemes; these names are reproduced as printed in the articles abstracted.

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Aachen-Berlin-Birmingham-Bonn-Hamburg-London (I.C.)-München Collaboration. + 5=16599, Exchange in $\pi^+p \rightarrow N^{*++}\rho^\circ$ or $N^{*++}\omega^\circ$ at 4 GeV
Aachen-Berlin–Birmingham-Bonn-Hamburg-London (I.C.)-München Collaboration. + 5=19218, π^+ p interactions at 4 GeV/c
Aalto, E. + 5=32022, Adjustment of NRN method
Aalto, E. J. 5=28840, Neutron fluxes in laminated Fe and D_2O
+Aaltonen, J. 5=31881, Half-life of Sm-147
+Aamodt, R. 5=17070, Theory of plasma and e. m. fields
Aanensen, O. 5=21375, Pumping for solid laser
Aarons, J. 5=18422, Auroral zone emissions
Aarons, J. 5=27568, Scintillation of radio sources
Aarseth, S. J. + 5=18495, Gravitational N-body problem
+Aasa, E. 5=16552, Automatic beta-ray spectrometer
Aasa, R. + 5=23814, ESR of Fe^{3+}
Abaev, B. I. + 5=26661, Heater for growing single crystals
Abaev, M. I. 5=24517, Natural frequency of vibrating systems
Abaev, M. I. + 5=26836, Internal friction of solids
Abagyan, S. A. + 5=20249, Transitions and valence band of GaP
Abagyan, S. A. + 5=20687, GaP, $GaAs_xP_{1-x}$ u.v. reflection
Abagyan, S. A. + 5=33617, $GaAs_xP_{1-x}$ crystals
+Abalduyev, B. V. 5=27100, Cold MgO cathodes
Abarbanel, H. + 5=21573, SU_3 prediction
Abarenkov, I. V. + 5=32758, Model potential for positive ions
+Abashian, A. 5=31706, $K \rightarrow 2\pi$ decays without CP violation
Abasov, S. A. + 5=33224, Strength of Se
Abbasov, A. S. + 5=29665, Thermodynamic properties of GaSb
Abbasov, A. S. + 5=30562, Ga/Ga–Te cell 5=30562
Abbiss, C. P. + 5=22845, Lorentz–Lorenz function for Ar, CH_4 and CCl_4
Abbott, R. C. 5=30744, Deposition of macromolecular samples
Abbotts, W. E. 5=29298 Liquid contents gauging using transducer
Abdullaev, G. B. 5=23597, Properties of $CuSbS_2$ and $CuSbSe_2$
+Abdullaev, G. B. 5=28221, Stimulated emission in GaSe
Abdullah, M. + 5=26372, Spark discharge in nonuniform gaps
Abdullayev, G. B. + 5=20405, Electrical forming of Si diodes
Abdumalikov, A. A. + 5=25903, Decay scheme for Tm^{161}
+Abdurazakov, A. A. 5=25903, Decay scheme for Tm^{161}
Abe, H. + 5=20530, $Mn(HCOO)_2 . 2H_2O$ susceptibility
Abe, H. + 5=20660, N.Q.R. of B in Fe_2B
+Abe, H. 5=23566, Superconducting Sn–In critical temperature
Abe, H. 5=23848, Ni^{61} n.m.r. in Ni ferrite
+Abe, H. 5=30225, $Mn(HCOO)_2 . 2H_2O$ magnetism
Abe, K. + 5=23593, High voltage effect in CdS
Abe, R. 5=27965, System of Ising spins
Abecasis, S. M. + 5=25719, Models related to even–even nuclei systematics
+Abed-El-Azim, A. 5=28321, Multiple beam interference fringes
Abel, W. R. + 5=18765, Superfluidity in liquid He^3
+Abeles, B. 5=20310, Superconducting tunneling
Abeles, B. 5=23569, Superconducting diode
Abeles, B. + 5=30035, Transverse phonons in Al–Pb superconducting diodes
Abeles, B. + 5=30036, Tunneling in superconducting diodes
Abel'skii, Sh. Sh. + 5=17825, Hall effect in ferrites
Abers, E. S. + 5=31437, Approximate one-trajectory exchange
Aberth, W. + 5=26278, Ion–atom scattering
+Aberth, W. 5=26285, Scattering of He^+ ions by He in 20-600-eV
Abesadze, P. D. + 5=26701, Structure study by neutron diffraction
+Abeyta, C. N. 5=22417, Spectral emissivities of H_2O
Abhyankar, K. D. 5=18514, Schuster problem for moving atmosphere. III
Abid, I. + 5=22760, Annihilation of positrons in gases
Abignoli, M. 5=28105, Reduction of magnetic-field fluctuations
+Abir, D. [Ed.] 5=30797, Elasticity, plasticity and fluid dynamics
Abkevich, I. I. 5=20407, Pressure-contact diodes
Ablova, M. S. 5=20207, Electromechanical effect in Ge, Si and InSb
+Ablow, C. M. 5=17064, Ionic transport and loss. I
Ablow, C. M. + 5=24063, Heterogeneous reaction. VII
+Ablow, C. M. 5=30782, Disturbance over an acoustic half-space
Abolins, M. A. + 5=28599, $\pi^- + d \rightarrow d + \pi^- + \pi^+ + \pi^-$ and $d\pi^-$ enhancement
+Aboltyn'sh, E. E. 5=30053, Contactless e. m. semiconductor measurements
+Abonyi, I. 5=29123, Ohm's law in magnetic plasma
Abonyi, I. 5=30865, Relativistic Boltzmann equation
Abou-Leila, H. + 5=16697, Lives of first levels of $Hf^{174,178}$
Abou-Leila, H. 5=19372, Half life of first state of Hf^{172}
+Abou-Leila, H. 5=28688, First excited state in Ir^{189}
Abov, Yu. G. + 5=21798, Internucleon potential not conserving spatial parity
Abov, Yu. G. + 5=25809, Internucleon potential nonconserving space parity
Abowitz, G. + 5=21211, Thin film thermoelectrics
+Abowitz, G. 5=32827, Evaporated silicon films
Abragam, A. 5=18886, Overhauser effect
Abrahám, A. 5=20468, Photoelectric effect in CdSb
Abraham, B. W. 5=17146, Approach to stability of a plasma
Abraham, C. 5=33478, Nucleation field of cylinder
Abraham, D. + 5=17968, Double-gate transistor
Abraham, D. + 5=20375, Heat flow in thin-film devices
+Abraham, D. 5=23638, CdSe thin film triodes
Abraham, M. M. + 5=33549, Paramagnetic resonance of Gd^{3+} in ThO_2
+Abraham, P. B. 5=24367, Diffusion of solar protons
Abraham, R. J. + 5=16989, CH. CF. and CF. CF coupling constants
Abrahams, K. + 5=26085, n Capture γ in Ca
Abrahams, M. S. + 5=23320, Dislocations around precipitates in (Zn, Cd)S:Er
Abrahams, M. S. + 5=33095, GaAs dislocation etching
Abrahams, S. C. + 5=18115, $GaFeO_3$ magnetic properties
Abrahams, S. C. + 5=20008, Accuracy of an automatic diffractometer
+Abrahams, S. C. 5=20048, Crystal structures of $SeCl_4$, $TeCl_4$ and $TeBr_4$
Abrahams, S. C. + 5=23147, Crystal structure of $Ga_{2-x}Fe_xO_3$
Abrahams, S. C. + 5=32960, Crystal structure of molybdates. I

Abramenkov, A. D. + 5=16517, Radiation after pulse from linear accelerator
Abramov, V. A. + 5=29129, Argon–cesium plasma in an electric field
Abramov, V. A. + 5=29147, Radiation of cesium plasma
Abramowitz, S. + 5=33604, Fermi resonance in condensed CF_4 and CCl_4
Abrams, G. S. + 5=19272, Decay $\Omega^- \rightarrow \Xi^- + \pi^0$
Abrams, G. S. + 5=28583, Scattering of K^- in H
+Abramson, E. 5=17545, Trivalent europium complex
+Abramson, E. 5=30473, Absorption spectra in naphthalene and pyrene
Abramyan, E. A. + 5=19154, Betatron with spiral accumulation of electrons
Abramyan, E. A. + 5=19155, Pulsed ironless synchrotron
Abrashev, K. K. + 5=26706, Crystal structure of barylite
Abrikosov, A. A. 5=17829, Nonmagnetic metal resistance
Abrikosov, A. A. + 5=20305, Oscillations of vortex lines in superconductors
Abrines, R. + 5=17059, Proton—hydrogen scattering
+Abrosimov, A. T. 5=31762, μ-meson component
Abt, H. A. + 5=18516, Filter effects on line strengths
Abukov, A. A. + 5=22779, Vacuum lock
Abul-Magd, A. Y. + 5=19442, Two nucleon stripping reactions
Abul-Magd, A. Y. + 5=22144, Deuteron stripping reactions
Abuzeid, M. A. + 5=19453, $Al^{27}(p, \alpha_0)Mg^{24}$ for 1-2.5 MeV protons
+Accardo, C. A. 5=27632, Ionosphere during solar eclipse
Acharya, R. + 5=21598, Quantum electrodynamics and zero-mass bosons
Acharya, R. + 5=31349, Internal-symmetry groups
Acharya, R. 5=31450, "Super" resonance decay
Acker, H. L. + 5=16879, Muonic X-ray spectra
+Ackermann, F. 5=30088, Hopping process in Si
Ackermann, P. + 5=19664, H. F. S. of organic radical
Ackermann, R. J. + 5=17326, Pressure of U over $U–UO_2$
Ackermann, R. J. + 5=32730, Sublimation behavior of $W–O_2$ system
+Acquista, N. 5=28968, Emission spectrum of CF
+Acton, L. W. 5=20984, Solar X-ray observations
+Adachi, M. 5=29881, Creep rupture properties of $Ni–Al_2O_3$ alloys
+Adachi, M. 5=29882, Creep of strengthened $Ni–Al_2O_3$ alloys
Adachi, S. 5=22637, Guiding whistler waves
Adachi, T. + 5=19112, Solution of N/D method
Adam, A. + 5=25477, Fast-neutron scintillation detectors
Adam, A. + 5=25483, Neutron time-of-flight measurement
Adam, B. + 5=26147, $Mg^{24}(d, \alpha)Na^{22}$
Adam, G. + 5=22807, Relaxation in glass-forming liquids
Adam, G. 5=22808, Cooperative relaxation processes
+Adam, G. 5=25824, Levels of La^{140} from Ba^{140} β decay
+Adam, J. 5=22650, Measurements in heated plasma
Adam, N. V. + 5=24264, Reduction of mean geomagnetic values
Adam, N. V. + 5=24273, W drift of geomagnetic field
Adam, N. V. + 5=27669, Synthesis of geomagnetic field
Adam, N. V. + 5=27674, Vertical distribution of geomagnetic field
Adam, N. V. + 5=27676, Analysis of magnetic charts
Adam, N. V. + 5=27679, Secular variation
Adam, R. W. + 5=29472, Water desorption from cleared alkali halides
+Adam-Benveniste, M. 5=33628, Spectrum of Ni in LiF
+Adamchuk, Yu. V. 5=26053, Strength functions of nuclei
Adamczewski, I. 5=26547, Conduction in dielectric liquids
+Adamenko, I. I. 5=32604, Compressibility of n-paraffins
+Adamenko, I. I. 5=32605, Compressibility of n-alcohols
Adamesku, R. A. + 5=19983, SiFe recrystallization textures
+Adamič, K. 5=18184, E. S. R. of α-maltose
+Adamov, I. Yu. 5=32464, Plasma produced by oscillating electron discharge. I
+Adamov, I. Yu. 5=32465, Instability of plasma. II
+Adamov, V. S. 5=22454, Protomeric form of fluorescein
Adamović, O. + 5=25693, Non-mesic decay of heavy hypernuclei
Adamovich, M. I. + 5=28474, Isotopic components of $\gamma + N \rightarrow N + \pi$ at γ-threshold
Adams, J. B. 5=28427, Hyperfine structure and weak interactions
Adams, J. P. 5=19134, Si surface barrier detectors
+Adams, M. J. 5=29318, Diffusion of Co_2 and N_2O and H_2O and glycerol
Adams, R. J. 5=24409, Reversible micro-burette
+Adams, R. N. 5=32258, E.P.S. N, N′-tetramethylbenzidine cation
Adams, V. W. 5=22565-6 Moving arc in magnetic field I-II
Adams, W. H. 5=22365, Orbital theories of electronic structure. II
Adams, W. L. 5=27911, Electromagnetic energy as measurement tool
Adamski, J. A. 5=23046, Oxy—hydrogen burner
+Adamson, A. M. 5=31703, Meson of mass 1290 MeV
Adamson, J. + 5=19497, Dounreay reactor shield n-flux
Addamiano, A. + 5=17394, Stabilization of SiC
Adde, R. 5=20640, NO_2 movement in $NaNO_3$
+Adelman, A. H. 5=23702, Laser-induced thermionic emission
Adem, J. 5=27509, Mid-tropospheric and surface temperatures
Ademollo, M. + 5=25575, $U(6) \otimes U(6)$ and non-leptonic decays
Ademollo, M. + 5=31380, Density-matrix for spin determination
Ademollo, M. + 5=31513, Spin tests for bosons
+Aderholz, M. 5=16599, Exchange in $\pi^+p \rightarrow N^{*++}\rho^0$ or $N^{*++}\omega^0$ at 4 GeV
+Aderholz, M. 5=19218, π^+p Interactions at 4 GeV/c
Adirovich, E. I. + 5=20478, Photovoltages in GaAs films
Adirovich, É. I. + 5=33390, Hysteresis in p—n transition of Si
+Aditya, P. 5=31488, Nuclear emulsions
Aditya, P. K. 5=16564, Multiple Coulomb scattering
Adiutori, E. F. 5=16795, Thermal stability in boiling systems
a Djie, H. R. E. Tjin. See Tjin a Djie, H. R. E.
Adlem, I. + 5=20779, Measuring acceleration due to gravity
+Adler, A. D. 5=32244, Spectra of porphyrins
Adler, E. 5=30243, Ferromagnetic domains in f. c. c. alloys
Adler, E. + 5=30280, H magnetic after-effect in Ni—Fe and Ni—Cu
Adler, E. 5=33471, Magnetic H after effect in F.C.C. alloys. II
+Adler, F. T. 5=19495, Measurement of dynamic reactor response
Adler, J. G. + 5=17868, Superconductivity in Pb—Bi alloy films
Adler, J. G. + 5=17879, Phonon effects in superconducting tunnel junctions
+Adler, R. 5=31155, Ultrasonic light deflection
Adler, S. L. 5=31400, Strong interactions. II
Ado, Yu.M. + 5=19157, Electron beam storage in synchrotron
Adolph, J. 5=33450, S.C.L.C. in anthracene
Adrian, F. J. 5=16984, Quadrupolar relaxation of Xe^{131}
Adrian, F. J. + 5=22508, E.S.R. spectrum of FCO
Adsit, N. R. + 5=23456, Grain boundary sliding in Zn
Adzerikho, K. S. 5=23947, Luminescence polarization absorption effect
Aegerter, M. + 5=20725, Characteristics of luminescent CsI
Aegerter, M. + 5=20726, Excitation of luminescence of CsI
Aéro, É. L. + 5=15940, Asymmetric elasticity
+Aeschliman, D. P. 5=32380, Partition functions, thermodynamic properties of N, O plasmas
+Afanas'ev, A. M. 5=16277, Resonance in nonlinear optics
Afanas'ev, B. P. + 5=22180, $N^{14}(\pi, 2p)3a$ with 80 MeV π^+
Afanas'ev, B. P. + 5=16770, π^+ Meson absorption reactions
Afanas'ev, N. G. + 5=24800, Magnetic spectrometer for electrons
Afanas'ev, N. G. + 5=26222, Double focussing magnetic spectrometer
+Afanas'ev, O. A. 5=21338, Traveling-wave maser
Afanas'eva, E. A. 5=21697, Diamond counters in electric fields
Afanas'eva, R. V. + 5=26031, Li^8 production in C^{12} disintegrations
Afanas'eva, V. I. 5=27681, Geomagnetic storm families
Afanas'yeva, L. A. + 5=30409, IR light reflected from Bi, Sb
Afanas'yeva, V. I. + 5=27682, Theory of magnetic storms
Afanas'yeva, V. I. + 5=27693, Energy of magnetic storm
Afimova, B. A. + 5=30163, Thermoelectric properties of PbTe–SnTe
+Afonin, O. F. 5=25298, Pulse-height analyzer
+Afonin, O. F. 5=28099, Nuclear magnetic resonance magnetometer
Afrosimov, V. V. + 5=26289, Stabilization of beam of atomic particles
Agaev, K. A. + 5=29591, Electron diffraction of $GeBi_2Te_4$
+Agafiţei, A. 5=16318, Recording spectrophotometer
+Agahigian, H. 5=28199, Frequency sweep for n.m.r. spectrometer
Agakhanyan, T. M. 5=20422, Analysis of drift transistor
Agalarzade, P. S. + 5=27022, Hall e. m. f. transducers of InSb
Agalarzade, P.S. + 5=30078, Doped indium antimonide films
Aganovic, I. 5=21518, Majorization of Feynman diagrams
Agârbiceanu, I. I. + 5=16852, Sn isotopic shifts
+Agarwal, S. C. 5=21633, Large spin propagators
Agarwal, Y. K. + 5=19361, Rotational band in Tm^{171}
Agarwala, R. P. + 5=23264, Cr lattice diffusion in Zr
+Agashe, V. V. 5=24168, Night airglow at Poona
Agasyan, E. O. 5=24661, Amplitude-time convertor
Agatsuma, T. + 5=17975, Breakdown in transistors
+Agee, F. J. 5=28064, Recombination luminescence in He II
+Ageev, V. N. 5=27470, CO_2 chemisorption on W filaments
Agekyan, V. T. + 5=30423, Phonon spectrum of Cu_2O
Aggarwal, H. R. + 5=30782, Disturbance over an acoustic half-space
Aggarwal, R. L. + 5=17924, Excitation spectra of Li in Si and Ge

Aggarwal, S. 5=30644, Formation of F_1 and F_2 layers
+Aghassi, J. J. 5=19059, Merging of spin and unitary spin
+Aghassi, J. J. 5=19060, Spin-unitarity spin scheme
+Aghassi, J. J. 5=25154, E.M. mass corrections in SV_{12}
+Aghassi, J. J. 5=25155, SV_{12} scheme
Agishev, A. Sh. + 5=24650, Measuring time intervals by scaler
+Agishev, A. Sh. 5=26555, Degassing liquids and solutions
Agodi, A. + 5=26082, Finite range d.w. calculations
+Agogino, M. 5=18488, Cosmic gamma rays
Agostinelli, C. 5=19737, Collision waves in magnetogasdynamics
Agranovich, V. M. + 5=30200, Cu temperature and secondary emission
Agranovich, V. M. + 5=33272, Excitons in dielectric materials
+Agrawal, V. K. 5=27046, Dielectric relaxation in ionic crystals
Agrinier, B. + 5=19170, Electron cascades
+Agulló-López, F. 5=33231, Plastic flow of NaCl
+Aharonian, C. 5=18405, Oxygen in upper atmosphere
Ahlborn, B. + 5=17043, Field strength in pulsed Hg arc
Ahlborn, B. 5=32474, Temperature and velocity of a plasma jet
Ahlborn, H. 5=32913, Wire drawing effect on Ag, Au. I
Ahlers, M. + 5=29782, Stacking fault energy of Au
+Ahmad, A. A. Z. 5=28594, Parity of Y_1*(1660)
+Ahmad, I. 5=31490, Preparation of nuclear emulsions
Ahmad, S. I. + 5=32608, Viscosities of benzenes
Ahmad, S. M. W. 5=27786, Quasars light emission
Ahmadieh, A. + 5=23414, Slip in Mg—Li
Ahmadzadeh, A. + 5=28423, Reduction of Faddeev equations
Ahmed, F. + 5=28758, Na and Cu neutron cross-sections
Ahmed, K. 5=19031, Vertex part in scalar electrodynamics
Ahmed, K. 5=21616, Vector mesons and Regge trajectories
+Ahmed, K. 5=25489, Vector mesons and angular momentum
Ahmed, K. + 5=31683, Vector mesons angular momentum. II
Ahmed, M. A. + 5=25065, Renormalization effects with singular potentials
+Ahmed, S. 5=32235, Optical collision diameters in methane
Ahmed, S. A. + 5=16238, Cyclotron resonance pumping of laser
+Ahmediah, A. A. 5=33218, Ni-Mn, mechanical properties
+Ahn, K. Y. 5=19929, Structure-property in magnetic films
+Ahrens, T. 5=31604, Anisotropic neutron scattering
+Aiello, R. 5=32908, Electron diffraction of lamellar crystals
Aiginger, H. 5=28479, Polarization of Cherenkov radiation
Ainitdinov, Kh. A. + 5=24020, Luminescence of organic Eu compounds
Ainutdinov, M. S. + 5=25526, Four-prong stars in π^-p at 3.5 GeV/c
+Aisenberg, E. 5=22104, Electron correlations in Hg^{199}
Aisu, H. + 5=28848, Calculation of resonance integrals
Aitchison, G. J. 5=21157, Reverberation time measurement
Aitken, D. K. + 5=31559, Measurement of particle energy losses
Aitken, J. H. + 5=22170, $Ge^{73}(n, \alpha)Zn^{70}$ reaction at 14 MeV
Aitken, W. M. 5=24179, Aurora lower border heights
+Aitkhozhin, E. S. 5=32776, Transformations in β-brass
Aĭvazov, Y. Ya. + 5=33445, Impurities and CdS photoconductivity
Aĭvazyan, Yu. M. + 5=18877, Radiation from open waveguide
+Aiyer, R. N. 5=26190, Fission as Markov process
Aizenshtein, A. I. 5=24613, High-voltage divider
Aizu, H. + 5=30672, Composition of primary cosmic rays
Aizu, K. 5=17997, Ferroelectricity
Aizu, K. 5=23660, Ferroelectricity and enantiomorphism
Aizu, K. 5=23661, Ferroelectrics i4, i6, i3R, i3P-I, and i3P-II
Aizu, K. + 5=27766, Radio galaxies
Aizu, K. 5=30131, Paraelectric crystal ferroelectric phase
Aizu, K. + 5=30669, Origin of cosmic rays
Aizu, K. 5=33420, Ferroelectric phase transitions
Ajdačić, V. + 5=19278, n-n Scattering and H^3(n, d)2n
Ajdačić, V. + 5=19279, H^3(n, p)3n at En=14.4 MeV
Ajdačić, V. + 5=25604, Break-up of t by 14.4 MeV n
+Ajdačić, V. 5=26092, (n, α) on heavy nuclei
Ajzenberg-Selove, F. + 5=26133, Triton bombardment of Li^7, C^{12} and O^{16}
Akabane, K. + 5=27757, Distant H II region in Galaxy
+Akama, H. 5=27997, Expansion of master operator
+Akamatu, H. 5=23052, C, stacking order, crystallite dimensions
Akanaev, B. A. + 5=31136, Amplification of coherent radiation
Akasaka, K. 5=30344, E. P. R. in L-cysteine hydrochloride
+Akashi, T. 5=23780, MnZn ferrite after effect
+Akasofu, S. 5=20981, Solar particles in interplanetary space
Akasofu, S. 5=27688, Magnetic storms
Akasofu, S. I. + 5=20857-8, Dynamics of aurora. II-III
+Akasofu, S. I. 5=27849, Interplanetary magnetic field
Akcasu, A. Z. + 5=26739, Neutron scattering by crystals
Akhiezer, I. A. 5=17094, Sound waves in plasma
Akhiezer, I. A. 5=22633, EM waves in turbulent plasma
Akhiezer, I. A. 5=30234, Anomalous fluctuations in ferro and anti-ferromagnetics
Akhiezer, I. O. 5=32391, Charges in turbulent magneto plasma
Akhmanov, S. A. + 5=26370, Optical breakdown in air
Akhmanov, S. A. + 5=28240, Nonlinear optical effects in finite aperture
+Akhmanov, S. A. 5=31136, Amplification of coherent radiation
+Akhmedli, G. T. 5=23232, Doped GaAs thermal conductivity
Akhtar, S. + 5=28933, H^3 removal from He^3
+Akhundov, G. A. 5=20405, Electrical forming of Si diodes
+Akhundov, G. A. 5=28221, Stimulated emission in GaSe
+Akhundov, G. A. 5=30429, Optical absorption of GaTe
Akhundov, G. A. 5=30492, Electroluminescence of GaSe
+Akhundov, S. A. 5=29404, Structure of atom in thermal motion
+Akhundov, T. S. 5=29357, Specific volume of water
Akiba, T. 5=31333, $Z_1 = 0$ and conditions from N/D
Akimoto, H. + 5=24071, Photolysis of ethane
Akimoto, S. + 5=17826, Olivine—spinel transition
+Akimoto, S. 5=20524, $Mn_xFe_{1-x}GeO_3$, $Mn_xCo_{1-x}GeO_3$ structure and magnetic properties
Akimoto, S. + 5=33283, Olivine-spinel transition
Akimov, A. I. + 5=21456, Multiple-beam interferometer
Akimov, A. V. + 5=32429, Discharge plasma conductivity
+Akimov, I. 5=30177, Photosensitization of semiconductors by dyes
+Akimov, I. A. 5=26967, Photoelectric apparatus for semiconductors
Akimov, I. A. + 5=30166, Charge of photocurrent carriers
Akimov, Yu. K. + 5=21815, Elastic pp-scattering
+Akimune, H. 5=18860, Modulated electron beam in plasma
+Akimutin, N. M. 5=22472, Electronic spectra of heterocyclic compounds
Akishin, A. I. + 5=27844, Recording micrometeors
Akitt, D. P. + 5=21398, Harmonic generation in HCN
Akiyama, M. 5=18151, Paramagnetic susceptibility of NiO
Akkerman, A. F. + 5=22040, 880 keV 2^+ state of Ti^{46}
Akkerman, A. F. + 5=22041, First excited state of Ti^{48}
Akkerman, A. F. + 5=22052, Lifetime of the 2^+ level in Te^{124}
Akobjanoff, L. 5=16540, Quantum-kinetic depths
Akon, C. D. + 5=18318, Polarization ratios in tetracene—anthracene
Akopdzhanov, R. G. + 5=25031, Correcting X-ray spectra
Akopova, A. B. 5=25325, False scattering in nuclear emulsions
Akopova, A. B. + 5=25327, Nuclear emulsion processing by u.s. waves
Akopyan, A. A. 5=31395, Interacting fermions
Akopyan, G. S. + 5=25315, Spark chambers having large "memories"
+Akopyan, M. E. 5=24974, High-voltage hydrogen lamps
Akramov, G. 5=26894, Degenerate pinch effect in InSb
+Aks, S. 5=24422, Analytic functions with integral representations
Aks, S. Ø. 5=16434, Scattering and production in field theory
Aks, S. O. 5=31422, Singularities of scattering amplitude
Akselrod, M. M. + 5=26979, Oscillations of longitudinal magnetoresistance in n—GaAs
+Akselrod, M. M. 5=26990, n-InAs longitudinal resistance
Akulichev, V. A. 5=29290, Cavitation strength of real liquids
+Akutsu, H. 5=29960, Shubnikov—de Haas effect in C
+Akutsu, H. 5=29961, Light carriers in pyrolytic C
Akyeampong, D. A. 5=31633, Vector meson theory
Aladinskii, V. K. 5=30100, Breakdown in silicon p-n junctions
Aladinskii, V. K. 5=30101, Si p—n breakdown voltage and temperature
à la Guillaume, C. Benoit. See Benoit à la Guillaume, C.
Albach, W. 5=16135, Measurement of coil constants
+Albany, H. J. 5=33443, Thermoelectric power of PbTe—SnTe
Albasiny, E. L. + 5=22425, Study of silane molecule
+Albee, P. R. 5=24215, V.L.F. phase variations
Alberigi Quaranta, A. + 5=27000, Charge carriers drift mobility in Si
Albers, C. + 5=19816, Water flow indicator
Albers, C. + 5=20724, Infrared luminescence in CdS
+Albers, H. R. 5=26777, Effect of plastic deformation on thermal conductivity
+Albert, P. 5=19952, Al purity and recrystallization
Alberts, H. L. + 5=27209, Magnetization and magnetostriction of Co
+Alberts, L. 5=27209, Magnetization and magnetostriction of Co
Albertsson, E. + 5=28819, Angular distributions in photofission of Th and U
Albinsson, H. + 5=22042, New levels in V^{47}
+Albon, N. 5=32881, Growth of Ni from $Ni(CO)_4$
+Albouy, G. 5=22122, Nucleon—alpha cascades
+Albrecht, A. C. 5=24006, Stimulated emission in rigid solutions

+Albrecht, H. E. 5=19503, Oscillating-ion mass spectroscope
+Albrecht, R. W. 5=32041, Pulsed-neutron reactor-noise measurements
+Albrecht, W. 5=30164, Organic—inorganic photoconductors p—n transitions
Albright, C. H. + 5=19168, N production by neutrinos
Albright, C. H. + 5=19169, Test of SU(6) in weak N* production
Albright, C. H. + 5=25135, SU(6) in weak N* production
+Alburger, D. E. 5=22023, Gamma-ray transitions from N^{15} and O^{15}
+Alburger, D. E. 5=25754, E.M. transitions in B^{11} and C^{11}
Alcarás, J. A. + 5=15924, Basis for rotation groups
+Alcaraz, E. C. 5=30972, Heat flow length effect in He II
Aldag, H. R. + 5=18923, Nd: $CaWO_4$ laser
Aldag, J. + 5=29608, Diffuse scattering from tungsten
+Alden, H. L. 5=18405, Oxygen in upper atmosphere
Alder, B. [Ed.]. + 5=27934, Methods in computational physics. Vol. 1
Alder, B. [Ed.]+ 5=27935, Methods in computational physics. Vol. 3
Alder, B. [Ed.] + 5=30791, Methods in computational physics. Vol.4
Alder, K. + 5=25707, Multiple Coulomb excitation
+Alder, K. 5=25994, Approximation for inelastic e scattering
Alderdice, D. S. 5=19634, Electronic spectra of transition metal complexes
+Aldridge, J. P. 5=16717, Half-life and mass of Sc^{41}
+Alecu, M. 5=17610, Diffusion in ferrites
Alefeld, G. 5=17632, Pinning points on dislocations
Alefeld, G. 5=33148, Dislocation motion, Peierls stress
Alefeld, G. 5=33149, Dislocation kink chain
Aleksandrov, A. F. 5=17156, Plasma capacitor impedance
+Aleksandrov, B. P. 5=32886, Impurity ions in NaCl
Aleksandrov, E. B. 5=19536, Luminescence beats
Aleksandrov, E. B. 5=24464, Astrophysical proof of relativity
Aleksandrov, E. B. + 5=28914, Stark splitting of Cd $5^{3}P_{1}$ level
Aleksandrov, E. B. + 5=28930, Optical orientation of atoms
Aleksandrov, G. M. + 5=25329, He^{3} for diffusion chambers
Aleksandrov, G. N. 5=22537, Discharge in air at atmospheric pressure
Aleksandrov, G. N. 5=29077, Transformation of corona into spark.
Aleksandrov, I. V. 5=18167, Magnetically dilute solid e.s.r
Aleksandrov, I. V. + 5=20612, EPR of molecules in triplet state in polycrystals
Aleksandrov, K. S. + 5=30150, Distribution functions of piezoelectrics
Aleksandrov, V. Ya. + 5=22573, Excitation I. Mercury arc
Aleksandrov, Yu. M. + 5=31657, π^{+} Photoproduction and $\Lambda_{\gamma\pi\rho}$ constant
+Aleksandrova, Z. A. 5=22227, Fragments in the photofission of U^{238} and Th^{232}
Alekseev, A. I. 5=16218, E.M. oscillations, resonance medium
Alekseev, A. I. + 5=28232, Radiation from atom in anisotropic medium
Alekseev, F. A. [Ed.] 5=24111, Soviet advances in nuclear geophysics
Alekseev, L. A. + 5=22942, Mössbauer effect in solid solutions
Alekseev, N. V. + 5=25443, Sources of polarized fast neutrons
Alekseev, N. V. + 5=25605, N polarization from T(d, n)He^{4}
Alekseev, V. G. 5=27513, Measuring turbulent fluctuations
Alekseeva, C. I. + 5=16512, Relativistic particles in N.I.K.F.I. B.R. emulsion
Alekseevskii, N. E. + 5=26913, Galvanomagnetic properties of Bi
+Alekseyev, A. I. 5=20412, Shot effects in tunnel diode
Alekseyevskii, N. E. 5=30025, Superconductivity in Ag—Ga
+Aleksić, M. 5=26074, Search for Li^{7} (n, α) H^{4}
Aleksić, M. + 5=26136, $B^{10}(d, \alpha)Be^{8}$ at low energy
+Alemagna, A. 5=19643, Vibration spectra of benzoyl halides
Alers, G. A. + 5=23350, Dislocation mobility in f. c. c. metals
Aleshin, K. P. + 5=26590, Apparatus for Mössbauer effect
+Aleshko-Ozhevskii, O. P. 5=31608, Producing Co-Fe for neutron polarization
+Aleskovskii, V. B. 5=29469, ZnSe and CdSe films
Alessandrini, E. I. + 5=19929, Structure-property in magnetic films
Alessandrini, V. A. + 5=21641, Relativistic 3-particle scattering
Alexander, A. L. 5=20931, Thermal control in space vehicles
Alexander, E. + 5=19522, Isoelectronic sequences of A I, and K I
Alexander, E. + 5=20986, Fe IX and Ni XI in solar spectrum
Alexander, E. + 5=20987, Fe lines in solar spectrum
Alexander, G. + 5=28539, Polarization in meson-baryon scattering
Alexander, G. + 5=28590, $I = \frac{5}{2}$ N* resonance at 1580 MeV
Alexander, J. K. + 5=30711, Io and Jupiter's radio emission
+Alexander, J. M. 5=22237, Fission fragment anisotropy for U^{238} by H^{2} and He^{4}
+Alexander, K. F. 5=25832, Chain of 4 Ho^{166} isomers
Alexander, K. F. + 5=25787, Levels of K^{40} from (n, γ) and (d, p)
+Alexander, K. F. 5=28683, Lu^{177} new isomer
Alexander, K. F. + 5=31832, Three-particle isomer in ^{109}In
Alexander, P. + 5=28686, Internal conversion in W^{183}
Alexander, S. + 5=18209, Pure quadrupole resonance
+Alexander, T. K. 5=19332, Gamma-ray spectrum of $^{16}N(\beta^{-}\gamma)^{16}O$
+Alexander, T. K. 5=26145, γ Study of $F^{19}(d, n\gamma)Ne^{20}$
Alexander, W. M. + 5=33941, Zodiacal dust measurements
Alexandropoulos, N. G. + 5=33265, Energy gap of LiD
Alexandrov, Yu. M. + 5=25513, Photoproduction of $\pi^{\pm}$-mesons in H
+Alexeff, I. 5=21198, Oscilloscope as wide-band detector
Alexeff, I. +. 5=29191, Ion waves in plasma
Alexopoulos, K. + 5=29677, Characteristic temperature of Ag, Au, Pt and Pb
+Alexopoulos, K. D. 5=33265, Energy gap of LiD
Alfeev, V. N. + 5=28174, Multicavity transmission maser amplifiers
Alfeev, V. N. + 5=28175, Multicavity reflection maser amplifiers
+Alford, P. W. 5=28805, $C^{12}(He^{3}, p)$ and (He^{3}, n)
Ali, D. + 5=21978, Nuclear moments of Pr^{148} and Er^{165}
+Ali, F. M. 5=19453, $Al^{27}(p, \alpha_{0})Mg^{24}$ for 1-2.5 MeV protons
+Ali, S. 5=19310, . .Be^{10} and the Λ—Λ interaction
Aliev, M. I. + 5=17594, Thermal electrical properties of $InSb-In_{2}Te_{3}$
Aliev, M. I. + 5=23232, Doped GaAs thermal conductivity
Aliev, N. G. + 5=26779, Heat conductivity of Sc and Y
Aliev, Yu. A. + 5=17139, Theory of oscillations of plasma
Alikhanov, S. G. + 5=17047, Temperature distribution and density in arcs
+Aliotta, C. F. 5=17489, Thermally grown SiO_{2} layers
Alitti, J. + 5=21886, Resonances in $\pi^{-}p$ interaction
+Alitti, J. 5=25546, 2π Resonance at 720 MeV
Aliyev, N. G. + 5=29695, Thermal conductivity of Gd and Tb
+Alkemade, C. Th. J. 5=32273, Dissociation of alkaline-earth oxides
Alkhazov, A. G. + 5=28675, Octupole transitions in tin
Alkhazov, D. G. + 5=19362, Double coulomb excitation of 4^{+} levels
Alkhazov, D. G. + 5=22031, 2.2 MeV level of Al^{27}
Alkhazov, G. D. + 5=25297, Simple counter for multichannel analyzer
Allaby, J. V. + 5=21699, Spectrometer for particle analysis
Alladin, S. M. 5=18492, The dynamics of colliding galaxies
Allam, D. S. + 5=17230, Vacuum coating units
+Allamagny, P. 5=20037, $Rb_{2}O_{2}$ dimorphism
+Allan, A. H. 5=20878, V. L. F. phase anomalies
Allan, D. L. 5=16745, Excited states in tin
Allan, D. L. + 5=19355, Levels in even tin isotopes
Allan, D. L. + 5=22050, Excited states in ^{119}Sn
+Allard, J. F. 5=31692, $\pi^{+}\pi^{-}$ Resonance at 1.67 GeV
+Allas, R. G. 5=16752, Si^{28} levels from Al^{27} (p, γ)
+Allas, R. G. 5=25757, E1 states in C^{12} at 17.3 and 19.2 MeV
Allas, R. G. + 5=26029, Giant-dipole resonance
+Allas, R. G. 5=26038, Statistical analysis of $Al^{27}(p, \gamma)Si^{28}$
Allas, R. G. + 5=26041, Fluctuations in $K^{39}(p, \alpha)A^{36}$
+Allas, R. G. 5=28657, States in C^{12} between 16.4 and 19.6 MeV
Allcock, G. R. 5=19210, Radiative corrections to muon decay
+Allen, C. W. 5=23422, Stress relaxation by magnetic field
Allen, E. 5=28282, Atlas Xe Weather-Ometer
+Allen, G. 5=16212, Probe for n.m.r. spectrometer
+Allen, H. C., Jr. 5=20624, E.P.R. of Zn-doped Cu acetate
+Allen, H. C., Jr. 5=27359, E.P.R. of $Cu(8HQ)_{2}.2H_{2}O$
+Allen, J. E. 5=16767, Hyperfragment and Li^{8} production by K^{-}
+Allen, J. E. 5=21917, Interactions of K^{-} mesons with protons
+Allen, J. E. 5=21987, Production of hyperfragments
Allen, J. E. 5=26467, Oscillations in alkali plasma
Allen, J. F. + 5=30975, Velocity fields of helium II
Allen, J. P. + 5=28661, Low levels of O^{19}
+Allen, J. P. 5=31819, Lower states in Ne^{21}, Na^{21}, Na^{23}
+Allen, P. 5=16767, Hyperfragment and Li^{8} production by K^{-}
+Allen, P. 5=21917, Interactions of K^{-} mesons with protons
Allen, R. S. + 5=24330, Radio star scintillation during eclipse
+Allen, W. B. 5=21137, Pseudorandom underwater signal-correlation
+Aller, H. D. 5=20956, Curvature in spectra of radio sources
Aller, L. H. 5=20948, Abundances in planetary nebulae
+Aller, L. H. 5=24358, Light scattering in zodiacal cloud
Aller, L. H. + 5=30690, Gaseous nebulae. V
+Allerhand, A. 5=19659, N. M. R. and isomerization of 1, 1-difluor cyclohexane
Allerhand, A. + 5=20747, Isomerization of cyclohexane

Allerhand, A. + 5=24036, N.M.R. studies of chemical exchange. IV
Alles, W. + 5=19258, Parity conserving non leptonic hyperon decays
Alles, W. 5=25182, SU$_6$, current—current interaction
Alles, W. + 5=31438, $\tilde{U}_{12}$, unitarity and crossing
Alles, W. + 5=31594, $\bar{p}p$ Annihilation into 2 mesons
Alley, C. O. + 5=24336, Optical radar on moon
+Allgaier, R. S. 5=17930, SnTe Shubnikov—de Haas effect
Allgaier, R. S. 5=30044, Two-band Hall coefficient analysis
Allgaier, R. S. 5=30080, Transport measurements in PbTe
Alliker, E. D. 5=18301, Scintillation response in NaI(Tl), KI(Tl), CsI(Tl)
Alling, W. R. + 5=26271, K-shell and L-shell photoeffect
+Allio, R. J. 5=19493, Gamma heating in reactors
Allison, D. C. S. + 5=19557, Charge transfer from He to He^{2+}
Allison, F. E. 5=27048, Shock-induced polarization in plastics. I
Allison, H. W. + 5=29927, Double acceptor Cu in Te-doped GaAs
Allison, R. + 5=18977, U. V. sensitization of photographic plates
Allison, S. K. + 5=18844, Gas stopping power for Li^6
Allnatt, A. R. 5=33039, Coefficients in solid-state diffusion. I
Allnatt, A. R. + 5=33404, Conductivity of alkali halide crystals. II
+Allum, F. R. 5=18413, Midlatitude airglow
Almasi, G. S. + 5=20775, Heat-flow in electron-beam microprobe
Almazov, A. B. 5=20061, Elastic spectra of face- and body-centered cubic crystals
Almazov, A. V. + 5=24812, High-frequency ion source
Almazova, S. P. + 5=16498, Developing emulsions without dry stage
+Almazova, S. P. 5=16499, Development of nuclear emulsions
Almeida, S. P. + 5=19188, Double isobars from p + p at 10 GeV/c
Almeida, S. P. + 5=21881, K$^+\pi^+\pi^-$p system
+Almqvist, E. 5=25774, High spin levels in Ne^{20}
Almqvist, E. + 5=26182, Fluctuations in C^{12}(C^{14}, α)Ne^{20}
+Al'nikov, V. S. 5=25485, Mechanical neutron chopper
Alnikov, V. S. + 5=26061, Capture and n scattering γ's
Alpaut, O. + 5=23236, Thermodynamic properties of solid In—Sn
+Alperin, H. A. 5=30261, Magnon dispersion of iron
+Alperin, H. A. 5=27242, Ni, Co neutron scattering
Alpern, M. + 5=18980, Spectral transmittance of human eye
Alperstein, M. + 5=26499, Combustion gas sampling valve
Alpert, D. 5=17214, Measurement of ultra-high vacuum
Alpert, D. + 5=29058, Electrical breakdown in ultrahigh vacuum
Alpert, S. S. + 5=26528, Concentration fluctuations in binary mixture
Al'pert, Ya. L. 5=24213, Ionospheric investigations by satellites
Al'shin, B. I. + 5=27292, ∇T and ∂H/∂t in antiferromagnetics
+Alstad, J. K. 5=27222, Fe, Co, Ni magnetic films
Alster, J. + 5=21653, Descriptions of elastic scattering
Alster, J. 5=26164, Inelastic α scattering from Pb^{207,208}, Bi^{209}
Altarelli, G. + 5=21586, Couplings of broken SU(6)
Altarelli, G. + 5=21923, Non-leptonic hyperon decays
Altarelli, G. + 5=25370, N* production by neutrinos
+Altarelli, G. 5=25575, U(6)$\otimes$ U(6) and non-leptonic decays
Alte da Veiga, L. 5=20015, Structure of the phase Co$_3$Mo
Alterman, E. B. + 5=22747, Vibrational energy transfer in gases
Altick, P. L. + 5=28894, Autoionizing levels in He
Altman, A. 5=16731, Multichannel reactions
Altman, C. 5=24220, Reflection of stratified ionosphere
Altschuler, M. D. + 5=27885, Autocorrelation of solar activity
Altshul', L. M. + 5=32455, Theory of oscillations in plasma
Al'tshuler, L. I. + 5=27665, World magnetic maps 1960
+Al'tshuler, T. S. 5=17936, Donor—acceptor crystals
Aluker, E. P. + 5=18285, Luminescence of alkali halides: Tl
Alväger, T. + 5=30818, Second postulate of special relativity
Alvarez Rivas, J. L. + 5=33231, Plastic flow of NaCl
Aly, H. H. + 5=24435, Scattering by singular logarithmic potential
Aly, H. H. + 5=25044, Solvable potentials for Schrödinger equation
Alybakov, A. A. + 5=26659, Growing of ionic crystals
Alyea, E. D. Jr. + 5=21894, Evidence for rho production
Amadei, L. + 5=23618, p-Doping of Si by bombardment
Amadesi, P. + 5=32009, Analysis of U^{235} thermal fission products
Amado, R. D. + 5=25408, Soluble three body problem
Amai, S. 5=18998, Entropy problem in quantum mechanics
+Amaldi, E. 5=31550, e−p Elastic scattering
Amaldi, U., Jr. + 5=26000, C^{12}(e, e′p) at 550 MeV
Amann, B. + 5=33534, Ferromagnetic resonance in Permalloy films
Amano, T. + 5=27769, Stability of spiral arms
Amano, T. + 5=32437, Particle orbits in Heliotron
+Amar, H. 5=26880, Electronic structure of beta brass
+Amar, L. 5=17239, U.S. elastic waves in liquids
+Amat, G. 5=16880, Potential function of polyatomic molecules
Amat, G. + 5=28971, Fermi resonance in CO$_2$
+Amati, D. 5=31438, $\tilde{U}_{12}$, unitarity and crossing
Amati, D. 5=31568, Nuclear forces
Amato, I. 5=17372, Grain growth in sintered UO$_2$
Ambartsumyan, R. V. + 5=30964, Heating by laser radiation
Ambartsumyan, V. 5=18499, How stars come into being
Ambegaokar, V. + 5=29696, Thermal conductivity of superconducting lead
+Amberg, C. H. 5=16905, I.R. intensities of adsorbed CO
+Amblard, B. 5=25531, Charge exchange of π^- mesons
Ambler, E. + 5=16739, Anisotropy of Ho nucleus
+Ambler, E. 5=20320, Superconducting semiconducting SrTiO$_3$
Amdur, I. + 5=19803, Diffusion of He−T$_2$ and He−TH
Amdur, I. + 5=19804, Diffusion of H$_2$ isotopes
Amdur, I. 5=32535, Diffusion and molecular beam experiments
+Amelinckx, S. 5=17477, Images of microtwins
+Amelinckx, S. 5=29772, Dislocation networks in polyethylene
+Amelinckx, S. 5=32902, Electron microscopy of voids
Amelung, U. 5=33844, Analysis of geomagnetic ring current
+Amemiya, H. 5=24231, Ionospheric sounding probe
Amenitskii, N. A. + 5=24871, E. P. R. spectrometer
+Amerbayev, V. M. 5=25968, Scattering of γ-quanta on Mg^{24}
+Ames, I. 5=20510, Photoelectron polarization from magnetized Ni
+Ames, O. 5=19305, Spin and moment of K^{38}
Aminov, L. K. 5=27349, E.P.R. lineshape theory
Amirkhanov, Kh. I. + 5=33353, Magnetoresistance of p-InSb
Amis, E. S. + 5=16341, Photoelectric device for polarimetry
Amith, A. + 5=20356, Electron and phonon scattering in GaAs
Amith, A. 5=30162, Seebeck effect in n-type Ge−Si alloys
Amitin, A. B. + 5=29959, Electrical conductivity of Bi
Ammann, E. O. + 5=21475, Optical synthesis using birefringent crystals. II
Amme, R. C. + 5=22581, Charge transfer between Ar and N$_2$
+Ammer, S. A. 5=17724, Cu whiskers internal friction
+Ammiraju, P. 5=31528, Analysing gamma-ray spectra
+Ammon, G. 5=32826, Crystallization of Se films
Amoros, J. L. + 5=17588, Thermal expansion of 2 acids
+Amos, A. T. 5=33258, Spin-polarized orbitals in crystals
Amos, K. A. + 28741, Proton inelastic scattering
+Amos, T. 5=19654, Unrestricted Hartree—Fock calculations. II
Amos, T. + 5=32239, Unrestricted Hartree−Fock calculations. III
Amov, B. 5=30206, Thermal ionization of lead
+Amsel, G. 5=23259, Oxygen diffusion in quartz
Amson, J. C. 5=32331, Lorentz force in arc electrode
Amster, H. 5=28855, Slowing n in hydrogenous mixtures
Amster, H. 5=31617, Variational boundary conditions
Amster, H. J. + 5=25458, Calculating n densities
Amster, H. J. 5=31615, Variational boundary conditions
Amster, H. J. 5=31619, Corrections to resonance integrals
Amstislavskii, Ya. E. 5=16329, Interferometer for low-transmittance media
+Amundsen, K. D. 5=20892, Sub-e.l.f. emissions at 0.2 to 1.0 c/s
Amundsen, T. + 5=20101, Thermal conductivity in Al films
Amundson, N. R. + 5=21029, Exchange waves in fixed beds
Amusia, M. Ya. 5=19563, Oscillations of shells of atoms
Amusia, M. Ya. 5=24506, Electron gas ground state
+Anand, J. D. 5=21810, p−p Scattering and Reggeized interaction
Anand, J. D. + 5=31693, ρ-Meson Regge-pole
+Anand, M. S. 5=23264, Cr lattice diffusion in Zr
Anand, S. + 5=19428, L-shell in γ scattering polarization
Anand, S. + 5=19430, Z dependence of γ scattering
Anand, S. P. S. + 5=20965, Lunar luminescence by solar protons
Anan'ev, Yu. A. + 5=18932, CaF$_2$:Sm^{2+} stimulated radiation
Anan'ev, Yu. A. 5=24899, Elliptical light sources for lasers
Anan'eva, A. A. 5=18716, Ceramic acoustic detectors
Anan'eva, A. A. + 5=30120, Pb$_{0.6}$Ba$_{0.4}$Nb$_2$O$_6$ dielectric properties
+Anantarama Sarma, Y. 5=16966, Coordinate analyses of H-bonded compounds. III
+Anantaraman, A. V. 5=26537, Absorption of sound in mixtures
Ananthakrishnan, R. + 5=24123, Wind and pressure
+Anantharaman, T. R. 5=26812, Imperfections in Cu−Si filings
+Anantharaman, T. R. 5=29432, Faulting in hexagonal Co
Anashkin, O. P. + 5=24596, Helium Dewar flask
+Anaskin, I. F. 5=18834, Microdiffraction in electron microscope
+Anastassiou, A. G. 5=26349, Formation of NCN radical
Anastassov, A. 5=18630, Energy of gravitational field
+Anatychuk, L. I. 5=23230, CdSb heat conductivity anisotropy
+Ancher, L. J. 5=25433, Polarization of protons in (La, Ce)$_2$Mg$_3$(NO$_3$)$_{12}$. 24H$_2$O
Ancsin, J. + 5=16511, High-energy particles, multiple scattering
+Andanson, P. 5=22107, RaA electrostatic pickup and decay
Anderholm, N. C. + 5=27145, Magnetostriction of nonferromagnetic metals
+Anders, E. 5=18561, Iron meteorites

AUTHOR INDEX

Anders, H. + 5=28312, Inhomogeneous films
Anders, L. R. + 5=31094, $2\omega_2$-ω_1 signals in double n.m.r.
+Anders, L. R. 5=32527, Double resonance in HD gas
Anders, O. U. 5=16720, Br^{82m} decay scheme
+Andersen, C. A. 5=33957, Widmanstätten structure of meteorites
+Andersén, E. 5=22401, Rotational bands of NiH and NiD
Andersen, H. H. + 5=23337, Atomic collisions in crystals
Andersen, W. H. 5=18393, Source for ball lightning
Anderson, A. + 5=20670, Spectra of molecular crystals
+Anderson, A. 5=29022, Far i.r. spectrum of anthracene
Anderson, A. + 5=29633, I.R. interferometry of molecular crystals
+Anderson, A. C. 5=18765, Superfluidity in liquid He^3
Anderson, A. D. 5=27877, Polar cycle EUV and 10 cm variation
Anderson, B. + 5=18533, Quasi-stellar sources
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André, S. 5=28463, Coincidence circuit for β-spectrometer
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Apinitis, S. K. + 5=32968, $K_2SeO_4 \cdot PbSeO_4$ and $(NH_4)_2SeO_4 \cdot PbSeO_4$
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Cantarano, S. + 5=31778, Cosmic rays and radioactive debris
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Chanaud, R. C. 5=21131, Aerodynamic sound from rotors
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Chang Lu. 5=24847, Generalization of the Bremmer series
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Chebotaev, V. P. 5=28217, He–Xe laser
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Chen, W. T. 5=23299, Cracked dislocation in elastic medium
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Cheo, P. K. + 5=28213, Radiation trapping in lasers
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Faulkner, T. R. 5=31069, Diffraction of electromagnetic wave
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Favella, L. F. + 5=16059, Recognition of human voice
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+Finocchiaro, G. 5=21905, Branching ratios of K_2^0 decays
+Finocchiaro, G. 5=25570, Charge exchange $K^- + p$
+Fintz, P. 5=19472, $B^{11}(d, p)B^{12}$ angular distributions
+Finzi, L. A. 5=26953, Sn superconducting films
+Finzi, R. 5=25516, Photoproduction of charged pions in H
+Fiocco, G 5=20826, Laser detection of atmospheric dust-reply
Fiocco, G. 5=24238, Radar sporadic E
+Fiorentini, A. 5=19180, Polarization in position back-scattering
+Fiorini, E. 5=31692, $\pi^+\pi^-$ Resonance at 1.67 GeV
Fiquet-Fayard, F. + 5=32275, Dissociation of triatomic molecules. III
+Firestone, A. 5=21823, π production in p—p at 3–4 Be v/s
+Firestone, A. 5=25435-6, π Production and annihilation in $\bar{p}$—p
Firk, F. W. K. + 5=25980, Spectra from $Mg(\gamma, n)$
Firkowski, R. + 5=31764, Photon-initiated E.A.S.
+Firkowski, R. 5=31766, Penetrating component of E.A.S.
Firkowski, R. + 5=31771, Penetrating component of E.A.S.
Firsoff, V. A. 5=27819, Planet Mars
+Firsov, E. I. 5=22164, Investigating γ from (n,γ)
+Firsov, E. I. 5=25361, Multichannel coincidence spectrometer
+Firsov, E. I. 5=28771, γ-Spectrum from $Fe^{54}(n, \gamma)Fe^{55}$
+Firsov, E. I. 5=31939, γ-Spectra from (n, γ) in $Cr^{50,52,53}$
Firsov, V. G. 5=22532, Identification of mesic matter
+Firsov, Yu. A. 5=26981, Magnetoelectric quantum oscillations in n-InSb
+Firsov, Yu. A. 5=29903, Theory of low mobility
+Firsov, Yu. A. 5=33436, Magnetophonon oscillations of thermal e.m.f.
+Firsova, M. M. 5=30122, Dielectric constant of quartz
+Fiscella, B. 5=25389, Positronium in water and ice
+Fischer, D. F. 5=21179, Temperature transducer for thermogravimetric studies
Fischer, D. W. + 5=20673, X-ray emission from Al
Fischer, D. W. 5=20717, X-ray L emission spectra of transition metals
Fischer, D. W. 5=23912, K-emission spectra of O and F
Fischer, D. W. + 5=30444, K-spectra of Mg and O
Fischer, D. W. + 5=31264, Dispersing devices and detection systems for soft X-rays
Fischer, D. W. + 5=33590, X-ray emission of N and C
+Fischer, D. W. 5=33637, K X-ray emission spectra from Si
+Fischer, E. 5=17873, Measuring critical currents
+Fischer, E. 5=24834, Laminar boundary layers in M.H.D.
Fischer, F. + 5=20159, S-centres in KCl crystals
+Fischer, F. 5=31826, Spin of 2426 keV level in Kr^{82}
Fischer, F. 5=33126, Se^- centres in KCl
Fischer, H. 5=32284, E.S.R. benzyl radicals
Fischer, H. 5=32285, E.S.R. h.f.s. in substituted alkyl radicals
Fischer, H. + 5=32326, Expansion of spark channels
Fischer, R. 5=28036, Simulation of loudness
Fischer, S. 5=20239, Quantum transport in magnetic field
Fischer, T. E. 5=27387, Reflectivity and photoemission of AlSb
Fischer, W. H. 5=20830, Radio noise spectrum from e.l.f. to e.h.f.
Fischer-Hjalmars, I. 5=22358, Zero differential overlap
Fischler-Hazoni, C. + 5=23620, Current and electroluminescence in ZnS:Mn
Fishburne, E. S. + 5=30543, Decomposition of NO_2
+Fisher, C. M. 5=28594, Parity of $Y_1^*(1660)$
Fisher, D. E. 5=20978, Ar^{40} contents of iron meteorites
Fisher, E. 5=31279, Wave mechanics
Fisher, F. 5=26821, Se-centres in KCl
Fisher, I. Z. 5=17243, Statistical theory of liquids
+Fisher, L. H. 5=19711, Townsend ionization coefficient in H
+Fisher, L. H. 5=29098, Townsend's ionization in nonuniform fields
Fisher, M. B. 5=24977, Detector microwave-modulated light
Fisher, M. E. 5=21089, Hard-core system near close packing
+Fisher, P. 5=17924, Excitation spectra of Li in Si and Ge
Fisher, P. + 5=23924, Excitation spectrum of B in Si
+Fisher, P. 5=30431, Impurity spectra in Ge
+Fisher, P. 5=33594, Excitation of As in Ge in compression
Fisher, P. S. + 5=25759, States of C^{13} and N^{13}
+Fisher, R. M. 5=23097, Petch relation in FeCo alloy
+Fishkova, T. Ya. 5=18812, Spherical aberration in compound quadrupole lens
+Fishkova, T. Ya. 5=18830, Four quadrupole lenses
+Fishkova, T. Ya. 5=21254, Aberration of electromagnetic lenses
+Fishkova, T. Ya. 5=24785, Spherical aberration of quadrupole lens
+Fisk, H. E. 5=28593, Spin of $Y_0^*(1405)$
+Fisk, H. E. 5=31597, Anti-isobar in $\bar{p}n$ interactions
+Fiske, M. D. 5=17880, Supercurrent tunneling characteristic
+Fistul', V. I. 5=30068, Ge, planar Hall effect
Fitch, V. L. + 5=28575, CP-nonconserving amplitudes
+Fitch, V. L. 5=31713, Regeneration of K_1^0 mesons
Fittipaldi, F. 5=29313, Compressibility and molecular weight
+Fitts, D. D. 5=16974, SCF—LCAO—MO on polyazine
+Fitts, D. D. 5=29048, Molecular virial theorem
+Fitts, R. B. 5=26831, Stress on fission-gas release
Fitzgerald, L. M. + 5=22790, Response of channels to wind stresses
+Fitzgerald, M. E. 5=16253, GaAs stimulated emission
Fitzgerald, R. G. 5=20452, Piezoelectric mica
Fixman, M. 5=22823, Dynamics of polymer chains
+Fixman, M. 5=22824, Viscosity of polymer chains
Fjeldbo, G. + 5=27810, Radar-occultation by planet atmospheres
Fjeldbo, G. + 5=33931, Planetary ionospheres
+Flach, G. 5=31783, Shell model of nuclei
+Flahaut, J. 5=17824, Electrical properties of $A_2^I B^{IV} X_3^{VI}$ with $A^I = Cu_1 B^{IV} = Si, Ge_1 Sn_1 X^{VI} = S_1 Se_1 Te$
Flahaut, J. + 5=23161, Cubic phases of Th_3P_4-type
+Flaks, I. P. 5=32352, Ionization of alkali metal atoms
Flamm, D. 5=25488, E.M. structure of vector mesons in SU(3)
+Flammersfeld, A. 5=19367, Decay of Tb^{158m}
+Flammersfeld, A. 5=22102, K-capture for Rh^{104}
+Flammersfeld, A. 5=25850, Conversion of Hg 199m
Flanagan, J. L. 5=16053, Acoustic modes of hemispherical room
+Flanagan, W. F. 5=17718, Serrated yielding in Al alloys
+Flanders, P. J. 5=17471, Structure and magnetism of haematite
Flanders, P. J. + 5=23767, Magnetic properties of hematite
Flannery, M. R. 5=22386, Ground state of H_2
Flannery, M. R. + 5=32358, Photoionization of hydrogen molecule
+Flatley, D. 5=17974, Double-diffused GaAs transistors
+Flato, M. 5=19041, Symmetries of elementary particles
Flato, M. + 5=25187, Conformal group in strong interactions
Flatté, S. M. + 5=25548, Rare decay modes of ω
Fleck, J. A., Jr. 5=18297, Fluorescent lifetimes in ruby laser
Fleck, J. A., Jr. + 5=31108, Stability of coupled-mode laser equations

AUTHOR INDEX

Fleetwood, M. J. + 5=19978, Identification of precipitates in maraging steels
+Fleischer, H. J. 5=33358, Semiconducting PbSe epitaxial layers
Fleischer, R. L. + 5=24355, Extinct Pu^{244} in meteorites
Fleischer, R. L. + 5=31623, Neutron measurement by fission tracks
Fleischer, R. L. + 5=33133, Charged particles in solids
Fleischmann, R. + 5=31577-8, Polarized proton source. I-II
+Fleisher, V. G. 5=22373, "Shaking" of electron shells of molecules containing P^{32}
+Fleming, D. M. 5=31880, Pm^{147}, β-energy and half-life
Fleming, G. N. 5=28388, Nonlocal properties of stable particles
Fleming, H. E. + 5=16284, Relative spectral response
Fleming, L. 5=21015, Position transducer
+Fleming, P. J. 5=18762, He II film transfer rates
Fleming, R. J. 5=19547, Electron—atom collisions
+Flemings, M. C. 5=22962, Measurement of microporosity
Flerov, G. N. + 5=25876, p decay after heavy-ion reactions
Flerov, G. N. 5=31997, Spontaneously fissioning isomer
+Flerov, G. N. 5=26192, Spontaneous 0. 9 msec fissile isomer
+Fletcher, B. 5=17221, Wide range Pirani gauge
+Fletcher, E. R. 5=16767, Hyperfragment and Li^8 production by K^-
+Fletcher, E. R. 5=21917, Interactions of K^- mesons with protons
+Fletcher, G. C. 5=26772, Thermal properties of NaCl
Fletcher, H. + 5=18727, Violin, viola, 'cello, bass-viol tones. I
+Fletcher, N. H. 5=33442, Thermoelectric power of ice
+Fletcher, N. R. 5=16779, $Be^9(\alpha, \alpha)$ scattering, 4-20 MeV
Fletcher, N. R. + 5=28803, Exchange effects in $Li^6(He^3, p)Be^8$
Fletcher, P. C. + 5=28250, Optical radar systems
+Fletcher, R. 5=22369, Gaussian functions for small molecules. III
Fletcher, R. + 5=23671, Thermoelectric power of palladium
+Fletcher, W. H. 5=22426, Spectra of square-pyramidal molecules
Flett, A. M. + 5=23855, Spin echoes in NaCl
Fleury, A. + 5=19487, Pa^{232} from Th^{232} + $Li^{6,7}$
Fleury, A. + 5=26186, Interactions of Li^7 with Th
+Fleury, P. 5=31692, $\pi^+\pi^-$ Resonance at 1. 67 GeV
Fliedner, A. + 5=16721, Emission of particles in emulsion
Fligel', D. S. + 5=27603, L. F. and u. l. f. properties of ionosphere
Flinchbaugh, D. E. 5=21154, Ultrasonic control of light beams
Flinchbaugh, D. E. 5=28929, Noble-gas ion—atom collisions
Flint, O. 5=32611, Surface tension of liquid metals
Flint, O. 5=32612, Surface tension technique
Flippen, R. B. 5=30022, Magnetic field penetration in superconductors
Flögel, P. + 5=29519, Growing of platelet-shaped CdS
Florance, E. T. 5=32411, R.F. opacity of nonuniform plasma
+Floreen, S. 5=23407, Fatigue strength of Fe—Ni
+Florescu, C. 5=18459, Terrestial magnetic components at Jassy
+Flornes, B. J. 5=22416, Absorption by water vapor
+Florsheim, B. H. 5=32573, Flow in cavity
Flory, P. J. + 5=19676, Moments of chain molecules
+Flory, P. J. 5=32306, Dipole moments of n-alkane chains
+Flournoy, P. A. 5=31120, $Ca_3(VO_4)_2$-laser host crystal
Flowers, B. H. + 5=31800, Operator in nuclear spectroscopy
+Flueckinger, A. F. 5=22877, Dielectric constant of H-bonded liquids.IV
Fluendy, M. A. D. 5=22337, Velocity selector for H beams
+Flükiger, R. 5=20279, Hall coefficients
+Flyagin, V. B. 5=21724, Hydrodynamics of bubble-chamber
+Flyagin, V. B. 5=25309, Hydrodynamics of bubble chambers
+Flyagin, V. B. 5=25310, Bubble chamber in magnetic field
+Flyagin, V. B. 5=25312, Hydrogasdynamic design of bubble chamber
+Flygare, W. H. 5=22458, Barrier studies in halopropenes
Flygare, W. H. + 5=29388, ^{129}I isomer shifts in lattices
+Flygare, W. H. 5=29401, Overlap integrals in halide lattices
Flyger, H. + 5=19782, Turbulent flow deposition of aerosol
Flynn, C. P. + 5=21023, Vacancy formation and motion in gold
Flynn, E. R. + 5=28800, Calculations of ^3He inelastic scattering
Flynn, F. H. + 5=33904, Measurement of velocities in nebulae
+Flynn, G. W. 5=19576, Microwave double-resonance
+Flynn, G. W. 5=32262, Collision narrowing in n.m.r.
Flynn, K. F. + 5=31869, Half-life determinations
Flynn, W. E. + 5=24563, Rôle of pinna in hearing
+Focacci, M. N. 5=25539, $\pi^\pm$—p and p—p scattering at 8. 5, 12. 4 and 18. 4 GeV/c
+Focardi, S. 5=25539, $\pi^\pm$—p and p—p scattering at 8. 5, 12. 4 and 18. 4 GeV/c
Focardi, S. + 5=25566, Production and decay of K^* (1400)
+Fodor, I. 5=26135, γ Polarization in $B^{10}(d, p\gamma)B^{11}$
Foell, W. K. + 5=28782, Resonance integral of thorium-232

Foex, M. 5=29510, Solidification points of refractory oxides
+Fogel, N. Ya. 5=33320, Jumps in hard superconductors
+Fogel', Ya. M. 5=20499, Thermionic emission of tungsten
Fogel'son, I. B. 5=23639, Temperature measurement by Ge triode
Fogel'son, I. B. 5=24583, Transistor temperature gauge
Fogel'son, R. L. 5=17598, Time-dependent hetero-diffusion
+Fogel'son, R. L. 5=23606, Thin films of indium phosphide
+Foglia, C. 5=19303, Bound state in Xe
Foitzik, L. 5=33757, Spectral extinction of aerosol by Mie particles
Fok, M. V. 5=17275, Luminescence quenching in solutions
+Fok, M. V. 5=18785, Electroluminescent capacitor rectification
Fok, M. V. + 5=27460, Electroluminescent condensers
+Fok, M. V. 5=30513, Red luminescence in ZnS—Cu
Fok, V. A. 5=24476, Mechanics and Einstein's theory
+Fokeev, V. P. 5=28975, CN red band dipole moment
+Fokin, A. G. 5=19421, Geometric effect in stripping
Fokin, L. R. 5=30538, Thermodynamic properties of dissociating gases
Fokker, A. D. 5=27956, Effect of gravity on nuclear resonance
Foldy, L. L. + 5=19469, μ capture in nuclei
Foldy, L. L. + 5=26105, Muon capture in nuclei
Folen, V. J. 5=30351, E. S. R. of Mn^{2+} in β-Ga_2O_3
+Foley, H. M. 5=24296, Large satellites in ionosphere
Foley, K. J. + 5=25425, p Scattering by π^-, $\bar{p}$, p and K^-
Foley, K. J. + 5=28555, Elastic pion—proton scattering
Folweiler, R. C. + 5=21183, Arc image furnace system
Fomenko, B. D. 5=25644, Cosmic-ray intensity and solar activity
+Fomenko, G. P. 5=16531, Cyclic electron accelerators
+Fomenko, G. P. 5=18815, Electron beam from annular gun
+Fomenko, V. S. 5=23701, Transition metal carbide cathodes
+Fomenko, V. S. 5=30196, Thermionic emission of carbide alloys
+Fomenko, V. S. 5=33457, Thermionic emission of transition metals and compounds
Fomin, A. A. 5=24767, Cylinder in field of current conductors
Fomin, A. A. 5=31011, Cylinder in field of coaxial coil
Fomin, N. V. 5=17562, U.S. propagation in n-Ge
Fomin, P. I. 5=16557, Photoproduction of pairs
Fomin, V. G. + 5=26682, Camera for diffraction microradiograph
Fomin, V. G. + 5=26805, Scanning camera for dislocation studies
+Fomin, V. V. 5=21882, Parameters of resonances
Fomin, Yu. A. 5=31762, μ-meson component
+Fomina, V. I. 5=26997, Conductivity, photoconductivity of Se—As films
Fomushkin, E. F. 5=19136, Distribution of collimated radiation
Fonda-Bonardi, G. + 5=26428, Pressure waves in plasmas
+Foner, S. 5=27303, Magnetic anisotropy in α-$(Cr_{1-t}Al_t)_2O_3$
Foner, S. + 5=27347, Antiferromagnetic resonance in αFe_2O_3
+Foner, S. 5=33465, De Haas—Van Alphen effect
Foner, S. N. 5=16998, Free radicals and unstable molecules
Fong Duan. + 5=23311, Dislocation structure of subboundaries in Mo
Fong, F. K. 5=16891, Dielectrics of non-rigid molecules. II
Fong, F. K. 5=32220, Dielectric relaxation in alkyl cyanides
+Fontaine, J. M. 5=21871, Recoil proton polarization
+Fontaine, J. M. 5=28556, Proton polarization in π^-p scattering
Fontijn, A. 5=30546, CH and NH chemiluminescence
+Foote, J. H. 5=29180, Cooperation in plasma in magnetic mirro
Foraboschi, F. B. + 5=21170, Convection in evaporating liquid
+Forafontov, N. F. 5=19415, Decay schemes of Pt^{189} and Ir^{189}
+Forbes, J. E. 5=18505, Stellar evolution and CNO abundances
Ford, D. L. + 5=32195, Absorptance of NO fundamental band
Ford, G. W. + 5=15982, Statistical mechanics of coupled oscillators
+Ford, J. A. 5=23027, Crystallography of unidirectionally solidified Al—Al_3Ni eutectic
+Ford, J. A. 5=23375, Mechanical behaviour of Al—$CuAl_2$ and Al—Al_3Ni
+Ford, J. L. C.,Jr. 5=19351, Cd triplet and octupole states
+Ford, P. W. 5=23357, Deformation and fracture studies
Fordyce, J. S. + 5=29328, Spectra of solutions of ZnO in KOH
+Forest, H. 5=17276, Fluorescence from rare-earth salts
+Forester, D. W. 5=17351, $FeNH_4(SO_4)_2$ magnetization
Forgacs, R. L. + 5=28045, Electron emission microscope: cathode temperature
+Forgue, V. 5=32008, Fission fragment from UO_2 films
Fork, R. L. + 5=28210, Optical masers
Fork, R. L. + 5=28211, Mode competition in gaseous optical masers
+Forker, M. 5=19349, g-factor of 90 KeV Ru^{99}
+Forkman, B. 5=28819, Angular distributions in photofission of Th and U

Forman, M. A. 5=21945, Neutron monitor mass absorption coefficients
Forman, R. 5=17078, Electrical properties of inert gas plasmas
+Forman, R. A. 5=23851, N.M.R. in $RbMnF_3$
+Formisano, V. 5=21681, Vertex function
Fornaca, G. + 5=19162, Two-photon absorption
Forrest, W. W. + 5=30747, Nephelometer for bacterial studies
Forrester, P. A. + 5=20646, E.S.R. of Tm^{2+} in CaF_2
Forrester, P. A. + 5=31121, CaF_2 as laser host
Forsman, W. C. 5=17011, Radii of gyration of polymer molecules
+Forson, A. G. 5=19188, Double isobars from p + p at 10 GeV/c
+Forson, A. G. 5=21881, $K^+\pi^+\pi^-p$ system
+Forst, W. 5=28880, Scanning mass spectrometer
Forstat, H. + 5=26761, Specific heat of $Fe_3(PO_4)_2.8H_2O$
Forstat, H. + 5=30311, Magnetic transitions in $Ni[(NH_2)_2CS]_6Br_2$
+Forster, H. H. 5=25851, Metastable states in Tl from 31 MeV p's
Forster, R. H. + 5=20023, Diffraction study of Ulvöspinel, Fe_2TiO_4
+Forsyth, J. B. 5=23788, Antiferromagnetic phase of Cr
+Forsyth, J. B. 5=27298, Magnetic phase in chromium
Forsyth, J. B. + 5=27313, Dzyaloshinsky moment in $MnCO_3$
Forsyth, P. A. 5=24207, Isolated ionospheric irregularities
Forsyth, P. D. + 5=19486, $B^{11}(He^3, \alpha)B^{10}$ between 2. 2 and 5. 5 MeV
Forsyth, P. D. + 5=26167, $Li^7(He^3, \alpha)Li^6$ reaction
Forti, G. 5=28847, Evaluation of resonance integrals
Forti, G. + 5=30732, Indices of solar filament activity
Fortini, A. + 5=20427, Thermophotovoltaic energy converter
Fortman, J. J. + 5=23819, E.P.R. of $Mn(CN)_5NO^{2-}$
+Fortune, R. D. 5=21735, CERN r.f. particle separator
+Fortune, R. D. 5=21905, Branching ratios of K_2^0 decays
+Forty, A. J. 5=20698, Exciton spectrum of lead iodide
+Forty, A. J. 5=23445, Cleavage cracks in NaCl
Forwood, C. T. + 5=23445, Cleavage cracks in NaCl
Fosado, M. E. + 5=25772, Tensor force in nucleus F^{18}
+Foss, F. D. 5=16943, Coordinate analysis of Re complexes
+Fossan, D. B. 5=28654, $T = {}^3/_2$ state at 16. 97 MeV in Be^9
Fossan, D. B. + 5=31837, l-Forbidden M1 transitions
Foster, H. J. + 5=29656, Magnetoacoustic absorption and Fermi surface in K
+Foster, K. 5=27224, 9% Al–Fe magnetic properties
+Foster, K. 5=32811, Surface secondary grains in Fe–Si(3%)
Foster, M. + 5=19233, Decays of the η meson
Foster, N. F. 5=16030, Ultrasonic CdS transducers
Foster, P. D. + 5=29033, Spectrum of methyl vinyl ketone
Foster, T. D. 5=29220, Stability of fluid cooled from above
+Foster, W. R. 5=22974, Phase relations in boron oxide—silica
+Fotiev, A. A. 5=30463, Optics of Na titanates
+Fotino, M. 5=21748, Compton scattering on 6.0 GeV electrons
+Fou, C. M. 5=26175, $Ca^{40}(He^3, p)Sc^{42}$ double stripping
Foucher, R. + 5=25854, Ac^{227} and Nilsson's model
Foucher, R. + 5=25855, Pa^{234} and unified model
Fougere, P. F. 5=24263, Spherical harmonic analysis
Fougere, P. F. 5=33829, Geomagnetism spherical harmonics
+Fountain, C. W. 5=20197, Neutron-acoustic irradiation of Al
Fournaux, J. + 5=16475, Properties of nuclear emulsions
Fournet, G. 5=17854, Thermodynamics of superconductors
+Fournet, G. 5=26959, Measurement of losses in superconductors
Fournet, G. 5=30001, Magnetization of superconductors
+Fournier, J. T. 5=26814, Trapped-hole centers in Al_2O_3
Fousek, J. + 5=27069, $BaTiO_3$ 90° domain wall motion
Fousek, J. 5=30135, Domain walls and permittivity of $BaTiO_3$
Fousek, J. + 5=30140, Domain structure of $BaTiO_3$
+Fowler, A. B. 5=16252, Injection lasers as bistable devices
Fowler, H. A. + 5=20044, Kikuchi lines in Si and diamond
+Fowler, I. L. 5=25365, Ge γ-ray spectrometer
Fowler, P. H. 5=24390, π Mesons versus cancer?
Fowler, R. G. + 5=26313, Radiative dissociation of H_2
Fowler, R. H. + 5=29049, Triangle-well potential
Fowler, W. A. + 5=33892, Peculiar stars of types A and B
+Fowler, W. B. 5=17671, Excited F center in KCl
Fowler, W. B. + 5=30391, Optical transitions in molecules and solids
Fowles, G. R. + 5=16023, Hugoniot equation-of-state measurements
Fox, A. G. + 5=18903, Fabry—Perot interferometer as laser
+Fox, A. G. 5=19813, Electroplated Be windows
Fox, A. G. 5=21342, Optical cavity modes
Fox, J. A. 5=24403, Sliding friction as sophomore experiment
Fox, J. A. 5=25341, 4 GeV electron synchrotron Nina
+Fox, J. D. 5=28752, Isobaric analogue resonances
Fox, M. + 5=29468, Anodic oxide layer on Ti
Fox, M. A. 5=32093, Excitation from ground state of He
+Fox, M. G. 5=22522, Energy transfer from a molecular beam
+Foxell, C. A. P. 5=20376, Ga arsenide semiconductor devices
Fradkin, D. M. 5=21529, Relativistic equations of motion
Fradkin, D. M. 5=21539, Plane-wave spinors
+Fradkin, D. M. 5=21563, Symmetric spinor theory
Fradkov, A. B. + 5=24590, Production of 98% parahydrogen
+Fraed, D. S. 5=16590, π-meson charge, momentum
+Fraenkel, B. S. 5=19522, Isoelectronic sequences of Ar I and K I
+Fraenkel, B. S. 5=20986, Fe IX and Ni XI in solar spectrum
+Fraenkel, B. S. 5=20987, Fe lines in solar spectrum
+Fraenkel, B. S. 5=33966, Solar u.v. Ar I and K I isoelectronic sequences
Fraenkel, G. + 5=26343, Proton-^{13}C coupling constants
Fraenkel, G. K. 5=21323, Frequency shifts in e.s.r. spectra
+Fraenkel, G. K. 5=26348, Hyperfine splitting of methyl radical
Frahn, W. E. 5=19426, Non-local nuclear interaction
Fraidenraich, N. + 5=24719, Striated layer m. h. d. generation
Fraidenraich, N. 5=30987, Instability in magnetohydrodynamic generator
Frait, Z. + 5=27327, Ferromagnetic resonance in iron films
Frait, Z. + 5=27328, Ferromagnetic resonance in metals
+Fraitová, D. 5=17770, Effective mass of conduction electrons
+Fräki, R. 5=32022, Adjustment of NRN method
Fraley, P. E. 5=31174, Wavelength calibrations in the infrared. V
Francis, H. A. + 5=19928, Surface films on gold
Francis, M. P. 5=33947, General relativity and Icarus
Francis, N. C. + 5=25960, (γ, n) polarization below giant resonance
+Francis, S. A. 5=30555, Intermolecular interactions of CO
Francois, G. E. + 5=23875, Optical second-harmonic generation
+Francombe, M. H. 5=20311, Structure and oxidation of Au–Ni films
Françon, M. + 5=18974, Achromatic half-wave plate
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Hollas, J. M. + 5=26326, Singlet—triplet transition in p-benzoquinone
Holler, E. + 5=30928, Audio correlation measurements
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Hollinger, J. P. 5=33911, Galactic center at 2. 07 centimeters
Hollister, H. 5=16571, Target reloading in n generators
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Holmberg, M. + 5=22232, Prompt $\bar{\nu}$ for photofission of U^{238}
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Holmes, R. R. + 5=32201-2, Pentacoordinated molecules. VI-VII
Holonyak, N., Jr. 5=17454, Growth of gallium phosphide
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Hölzl, J. 5=23711, Energy distribution of secondary electrons
Hölzl, J. 5=23712, Secondary-electron emission as function of primary energy
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Honeywell, W. I. + 5=22723, Diaphragm pressure transducer
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Russo-Manduchi, M. T. 5=26018, Polarization of p scattered on ^{16}O
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Rutkevitch, N. Ya. 5=16489, Range—energy relation in NIKFI K emulsions
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Scarfone, L. M. 5=21615, Scalar fields and point sources
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Schaarschmidt, A. 5=19137, Pulse height analyser
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Sidhu, S. S. + 5=29440, Order—disorder in $PtMn_3$
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Signell, P. S. 5=25404, N–N models compared to experiment
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Stavisski, Yu. Ya. + 5=26063, Fast n radiative capture
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Van Hieu Nguyen. See Nguyen Van Hieu
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Wetzel, R. 5=21223, Pulsed magnetic fields
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Weyers, J. 5=30869, Diffusion in systems of four bodies
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Wheeler, L. 5=25028, Induced-hue responses by forced matching
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Whelan, M. J. 5=26868-9, Inelastic scattering of fast electrons by crystals. I-II
Whetstone, S. L., Jr. + 5=28812, Spontaneous emission of He^6 from Cf^{252}
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Whillier, A. 5=18379, Measuring solar radiation
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White, L., Jr. 5=21207, Circuit for forced linear oscillation
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White, M. L. + 5=24186, Toroidal current systems
White, M. S. + 5=32247, Spectrum of trimethylene sulfide
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Whitehouse, J. E. + 5=21185, Liquid He cryostat
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Whitfield, I. C. + 5=24564, Cochlear-microphonic and summating potentials
Whitham, G. B. 5=30785, Linear and non-linear dispersive waves
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Whitmer, R. M. 5=21222, Biot—Savart law integration
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Whittacker, A. G. + 5=19862, N.M.R. solvent effects
Whittaker, A. G. + 5=32670, N.M.R. solvent effects. II
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Whitten, R. C. + 5=20888, Recombination coefficients in lower ionosphere
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Wicher, E. R. 5=27931, Rutherford scattering simulator
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Wiese, H. 5=33849, Vertical magnetic time variations
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Wildpaner, H. 5=31475, High pressure ionisation chamber
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Wiley, R. S. 5=28323, Diffraction grating groove measurement
Wiley, W. J. 5=16040, Sound velocity and absorption in tubes
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Wilhelmi, Z. 5=19299, Nuclear surface from (n, α)
Wilhelmi, Z. 5=26090, (n, p) Isomeric ratios
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Wilke, K. 5=17075, Micro field in plasma
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ilkens, M. 5=17818, Bloch wave scattering
Wilkin, C. 5=16604, Meson supermultiplets
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ilkins, G. A. 5=33924, System of astronomical constants
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Wilkinson, P. G. + 5=18966, Light sources for vacuum ultraviolet
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Williams, D. J. + 5=18429, Trapped electrons at 1100 km
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Windwer, S. 5=21072, Monte Carlo generation of random walk
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Wiser, N. 5=17334, Crystal structure of simple metals
Wit, R. 5=21658, Forward scattering amplitude
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Witalis, E. A. 5=18853, Segmented electrode m. h. d. generator
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Zachariasen, W. H. + 5=23162, Extinction in quartz
Zachariasen, W. H. 5=23163, Dispersion in quartz
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+Zhukovskii, N. N. 5=25826, γ-Spectrum of 9. 2 hour Eu^{152*}
+Zhukovskii, V. G. 5=22664, Compression of plasma with ions
Zhumartbaev, M. T. 5=29223, Relativistic hydrodynamics
Zhupakhin, K. S. + 5=24652, Pulse amplitude discriminator
+Zhuravlev, B. E. 5=25478, Neutron-spectrometer measurements
+Zhuravleva, T. S. 5=22485, γ-Irradiated multiple-bond molecules
Zhurkov, S. N. + 5=16999, Radicals in deformed polymers
Zhurkov, S. N. + 5=17741, Destruction mechanism of polymers
Zhurkov, S. N. + 5=33236, Elastic deformation and structure of polymers
+Zhÿgotsky, A. G. 5=33238, Mechanics of filled polymers
+Zhÿhots'kyi, O. H. 5=17742, Mechanical properties of filled polymers
Ziabicki, A. 5=19823-4, Free Steady-state jet. I–II
Ziabicki, A. 5=26489, Hydrodynamics of jet. III
+Zichichi, A. 5=25499, Muon anomalous magnetic moment
+Zichichi, A. 5=31554, New electron detector
+Zichichi, A. 5=31598, High intensity $\bar{p}$–K beam
+Zichichi, A. 5=31917, Experimental antideuteron production
Zichichi, A. [Ed.]. 5=28366, Symmetries in elementary particle physics
Zickendraht, W. 5=16371, Quantum 3-body problem
Zickendraht, W. + 5=32216, Bound states in inert gases
Ziebold, T. O. + 5=23240, Atomic mobilities and multicomponent diffusion

+Ziebs, J. 5=32792, Recrystallization textures in Ni–Ta alloys
+Ziegelbecker, R. 5=17369, W needles in powders
+Ziegler, J. F. 5=31910, e Scattering from Pb and dispersion
Zielczyński, M. 5=28527, Quality factor for neutrons
+Zielinger, J. P. 5=20475, Absorption and photoconductivity spectra
+Zielinger, J. P. 5=30175, Exciton absorption and photoelectric effect
+Zielinski, P. 5=19216, 17 GeV/c π in emulsion
+Zielinski, P. 5=28753, Interactions of 24 GeV/c p in emulsion
+Zietek, W. 5=27187, Domain width of simple-honeycomb domain structures
Ziętek, W. 5=33421, Ferroelectric domain structures
+Zikides, C. C. 5=28693, Counting of short-lived activities
Zil'berman, P. Ye. 5=20384, Degenerate p—n junction
Zilberstein, R. M. 5=18937, Light beam modulator, shutter
+Ziling, K. K. 5=29857, Cd, NaCl, creep characteristics
Ziling, K. K. 5=29858, Creep in Cd crystals
Zima, V. L. 5=23932, Spectra and energy transfer in anthracene
Ziman, J. M. 5=17793, Fermi surface. III
Ziman, J. M. 5=29967, Theory of metals
Ziman, J. M. 5=33260, Fermi Surface V.
+Zimani, I. 5=26135, γ Polarization in $B^{10}(d, p\gamma)B^{11}$
+Zimen, K. E. 5=29719, Diffusion of Ar in KCl and KBr
+Zimerman, A. H. 5=24435, Scattering by singular logarithmic potential
Zimin, E. P. + 5=24700, Composition of conductive gaseous mixture
+Zimina, N. Kh. 5=29252, Ar thermal conductivity to 1000°C
+Zimkina, T. M. 5=22305, M series spectra
+Zimkina, T. M. 5=22757, Mass absorption coefficients of AR
+Zimmerer, J. 5=25618, α Scattering at 10-20 MeV
+Zimmerman, A. 5=30957, Flow field of Bunsen flame
+Zimmerman, B. 5=18994, Collimation of X-rays. II
Zimmerman, D. + 5=27102, Temperature controller for field emitter
+Zimmerman, H. 5=27402, I. R. investigation of $H_9O_4{}^+Br^-$
+Zimmerman, J. E. 5=23350, Dislocation mobility in f. c. c. metals
Zimmerman, J. E. + 5=29984, Compton wavelength of superconducting electrons
Zimmerman, R. L. 5=24418, Feynman functional integrals
+Zimmermann, W.,Jr. 5=28071, Persistent flow of superfluid liquid He
+Zinenkova, G. M. 5=26796, Dislocations in cadmium
Zinets, O. S. + 5=33665, The luminescence field effect
Zing He-sung. + 5=31875, K-capture of Ge^{66}, Ge^{69}, and As^{72}
Zingerman, Ya. P. + 5=32844, Interaction of O_2 with W surface
+Zingery, W. L. 5=27330, Ni–Fe films f.m.n.
Zingl, H. 5=16407, W^0-particle consequences
+Ziniker, W. M. 5=30337, Optical spin polarization in CaO
Zink, H. + 5=16915, Rotational relaxation in p—H_2
Zink, H. + 5=22403, Rotational relaxation in oxygen
Zinke, O. + 5=24407, Nanocentimeter transducer
+Zinke, O. H. 5=22539, Dwells in current through plasma
Zinke, O. H. + 5=24747, Magnetic flux sensor
Zinov'ev, G. S. + 5=23644, Thermostat for semiconductor devices
+Zinyatov, M. Z. 5=24650, Measuring time intervals by scaler
+Ziolkiewicz, S. 5=18333, Thermodynamics of $MnCl_2$ in KCl
Ziolkiewicz, S. + 5=33720, $NiCl_2$ discharge in eutectic NaCl–$PbCl_2$
+Zipperer, M. 5=30088, Hopping process in Si
+Zirin, H. 5=33990, Solar magnetograph
Zirkind, R. 5=20820, I.R. earth albedo
Zirkind, R. 5=33879, Project AMOS infrared observatory
Zittartz, J. 5=23746, Heisenberg model of ferromagnetism
Zitter, R. N. 5=30168, Photoelectromagnetic effect
Zivojinov. J. M. + 5=19869, Saturation vapour pressure of Ar
+Ziyazhanov, U. 5=20387, p—n Junction on p—type InSb
+Zizelmann, W. 5=23915, Exciton absorption in KCl and KBr
Zlatarov, V. Kr. 5=25623, Cosmic-ray scintillation detector
+Zlateva, A. 5=21818, Elastic p—p and p—d scattering in 2—10 GeV
Zlatianov, Z. + 5=28503, Scattering of protons by deuterons
Zlochower, I. A. + 5=26348, Hyperfine splitting of methyl radical
+Zmuda, A. J. 5=24192, Trapped protons in magnetic anomaly, I
Zmuda, A. J. + 5=24194, Trapped protons in magnetic anomaly, III
Zmuda, A. J. 5=33826, Geomagnetism analytical description
Znamirovschi, V. 5=27472, D_2O—H_2O cell isotope effects
Zohta, Y. + 5=20647, Relaxation of nuclei in metal
+Zoidze, N. A. 5=26709, Structure of boron crystals
Zoller, L. K. 5=19463, Fast neutron-removal
Zolotarev, V. M. + 5=21444, Spectrophotometer for deviation from total internal reflection
+Zolotarev, V. M. 5=21445, Short-wave spectrophotometry
+Zolotarev, V. P. 5=27193. Ferromagnets over microscopic surface section
Zolotarev, V. S. + 5=26291, Electromagnetic separation of Os isotopes
Zolotavin, A. V. 5=21791, Apertures for a $\pi\sqrt{2}$ β-spectrometer
+Zolotavin, A. V. 5=22096, Decay scheme for Tm^{165}
+Zolotavin, A. V. 5=28755, 3 Hour activity of Lu
Zolototrubov, I. M. + 5=17082, Current distribution in coaxial plasma
+Zolotov, S. 5=20684, Spectra of Cu ions in KCl
+Zolotukhin. V. G. 5=21754, γ Scattering in air
+Zolotukhin, V. G. 5=21759, Co^{60} γ dose rate
Zolotukhin, V. G. + 5=21841, Neutron detection by scintillators
Zolotukhin, V. G. + 5=25486, Multirotor mechanical neutron choppers
+Zolotukhin, V. G. 5=32012, U^{238} photofission fragments
+Zombkovsk, S. M. 5=25526, Four—prong stars in π^-p at 3. 5 GeV/c
+Zook, J. D. 5=23604, Heavily doped semiconductors
Zoot, R. M. 5=33881, Test for catadioptric systems
+Zörgiebel, F. 5=23089, Ultramicrotome sections of AgCl
+Zorin, E. I. 5=17684, Ion bombardment of Ge
Zorina, E. L. + 5=23880, I.R. absorption of AsSe
Zorov, T. D. 5=27041, Electrical resistance of magnetite
+Zotova, E. A. 5=25333, Focusing by accelerating field
+Zotova, N. V. 5=23584, Transport effects in $A^{III}B^V$ type compounds
+Zott, H. 5=32840, Sorption of H_2O on NaCl
+Zouaghi, M. 5=30175, Exciton absorption and photoelectric effect
+Zouhar, M. 5=29877, Plastic deformation of Mg–Cd crystals
+Zozulya, S. I. 5=24793, Cathode units for electron guns
+Zraichenko, V. A. 5=19946, Elastic twinning in SiFe
Zrelov, V. P. 5=23706, Cesium—oxide photocathodes
Zschaeck, H. 5=24998, Emission from discharge lamps
Zubarev, D. N. 5=24486, Local equilibrium ensemble
Zubarev, D. N. 5=24510, Transport processes of particles with internal freedom
+Zubarev, D. N. 5=30357, Nuclear spin diffusion
+Zubarev, T. N. 5=16261, Radiation of ruby laser
Zubenko, Yu. V. + 5=27105, Au—Ba layers field emission
+Zubke, D. 5=26089, (n, α) in Ag at E_n = 14 MeV
Zubkov, V. I. 5=26227, Switching of mass spectrometer ranges
+Zubov, P. I. 5=23007, Polymer coating formation
Zubov, V. A. + 5=19581, Raman scattering in mixtures
Zubov, V. A. + 5=26539, Stimulated Raman scattering
Zubov, V. G. + 5=29620, Third-order anharmonicity in crystals
Zubov, V. G. + 5=30122, Dielectric constant of quartz
+Zubov, V. V. 5=17384, Co $\epsilon \rightleftharpoons \gamma$ transformations
Zubov, V. V. 5=20555, Co magnetic properties
+Zubov, V. V. 5=33294, Cobalt $\epsilon \rightleftarrows \gamma$ transformation
+Zubova, O. M. 5=21117, Lamb wave excitation
Zubritskii, L. A. + 5=19132, Surface barrier counters
+Zubritskii, L. A. 5=19149, Semiconductor spectrometer for particles
+Zucker, J. 5=26961, "Thermoelectric effect" of hot carriers
Zucker, R. S. 5=19955, Cu_2O: growth and luminescence
Zuckermann, M. J. 5=17852, "Sheath" theory
Zueco, E. + 5=21324, Measuring spin–lattice relaxation
Zuev, V. A. + 5=20466, Photoconductivity in semiconductors
+Zuev, V. S. 5=28223, Laser on neodymium glass
+Zuev, V. S. 5=30964, Heating by laser radiation
+Zuithoff, A. J. 5=33177, Al–Mg + Ag, Cd ageing
Zukas, E. G. + 5=26654, Cu twinning by shock compression
Zukotynski, S. + 5=20238, Transport phenomena with scattering
Zumino, B. 5=19028, Propagators in quantum electrodynamics
Zumino, B. 5=19121, Complex poles of propagators
Zumino, B. + 5=20293, Theory for local superconductor
+Zupančič, C. 5=25411, Final state interactions with few nucleons
Zurmühle, R. W. + 5=26175, $Ca^{40}(He^3, p)Sc^{42}$ double stripping
Zusman, Sh. I. 5=33497, Magnetic properties of Fe–Ni–Co
+Zussman, J. 5=29596, Crystal structure of Lizardite
Zuyev, V. O. + 5=18045, Photoconductivity kinetics in semiconductors
+Zvara, I. 5=26211, Fission fragment track recording
Zvara, I. 5=32004, Fission of heavy nuclei
+ Zvenigoroski , 5=18598, Ar extraction e- bombardment oven
+Zverev, G. M. 5=30488, Stimulated radiation from Er^{3+} ions in CaF_2
+Zverev, N. M. 5=26458, Plasma confinement by helical fields
+Zvol'ska, V. 5=22095, Decay of Tm^{163}
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+Zvol'skii, I. 5=22094, Decay scheme of Tb^{152}
+Zvol'skii, I. 5=22095, Decay of Tm^{163}
+Zvol'skii, I. 5=22096, Decay scheme for Tm^{165}
+Zvonkov, B. N. 5=17899, Hall mobility in films
Zvonkova, Z. V. 5=26977, Cu, Ni, Zn, Cd dithiocarbamates: semiconductivity and optics
Zvonkova, Z. V. 5=29612, Crystal structure of aniline p-thiocyanate
Zvyagin, A.I. + 5=33609-10, Spectra of antiferromagnetic Co compounds. I-II
Zvyagin, B. B. 5=26627, Order–disorder of schistous silicates
Zvyagin, I. P. 5=17806, Kinetic coefficients in semiconductors
Zwanzig, R. 5=22724, Transport in fluid mechanics
+Zwanzig, R. 5=22844, Lorentz—Lorenz equation near critical point
Zwanziger, D. 5=31336, Precession of relativistic particles
+Zwanziger, D. 5=32063, H hyperfine structure
Zweifel, P. F. + 5=25453, Anisotropic scattering in S_N method
+Zweifel, P. F. 5=25459, Albedo problem for a semi-infinite medium
+Zweig, G. 5=19047, $U(6)\otimes U(6)$ from currents
+Zweig, G. 5=25170, U(12) and time-reversal
Zweig, H. J. 5=16278, Quantum efficiency of photo-detectors
Zweig, H. J. + 5=21206, Coincidence counter models
Zwicker, E. 5=16063, Masking by white-noise bursts
Zwicker, E. 5=24559, Temporal effects in simultaneous masking
Zwicker, H. + 5=19753, Magnetically compressed plasmas
+Zwicky, A. 5=25707, Multiple Coulomb excitation
Zwilsky, K. M. + 5=17739, Strength of $Ni–Al_2O_3$
+Zyat'kov, I. P. 5=24047, Auto-oxidation of benzaldehyde
+Zykalova, K. A. 5=17544, Gramicidin C hydrochloride crystals
Zȳkov, A. I. + 5=16519, Wave phase velocity in linacs
+Zȳkov, A. I. 5=16520, Travelling wave linac e.m. field
Zȳkov, A. I. + 5=16521, Group velocity wave damping in linac
Zȳkov, A. I. + 5=16522, Reflection coefficient in linac
+Zykov, A. P. 5=24690, Low-inductance cable
Zykov, V. G. + 5=32398, Plasma flows in a cusp field
+Zylberajch, S. 5=25579, Heavy hyperon resonances
+Zylicz, J. 5=19369, Three-particle state in Er^{165}
+Zȳryanov, G. I. 5=20586, Hysteresis of monoferrites
+Zȳryanov, G. I. 5=20587, Hysteresis of Mg—Mn ferrites
Zyryanov, P. A. 5=33280, Nondissipative electron currents
Zyryanova, L. N. + 5=22105, β-Decay of Bi^{210}, $Pb^{209,210}$
+Zysin, Yu. A. 5=16533, Ironless betatrons

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